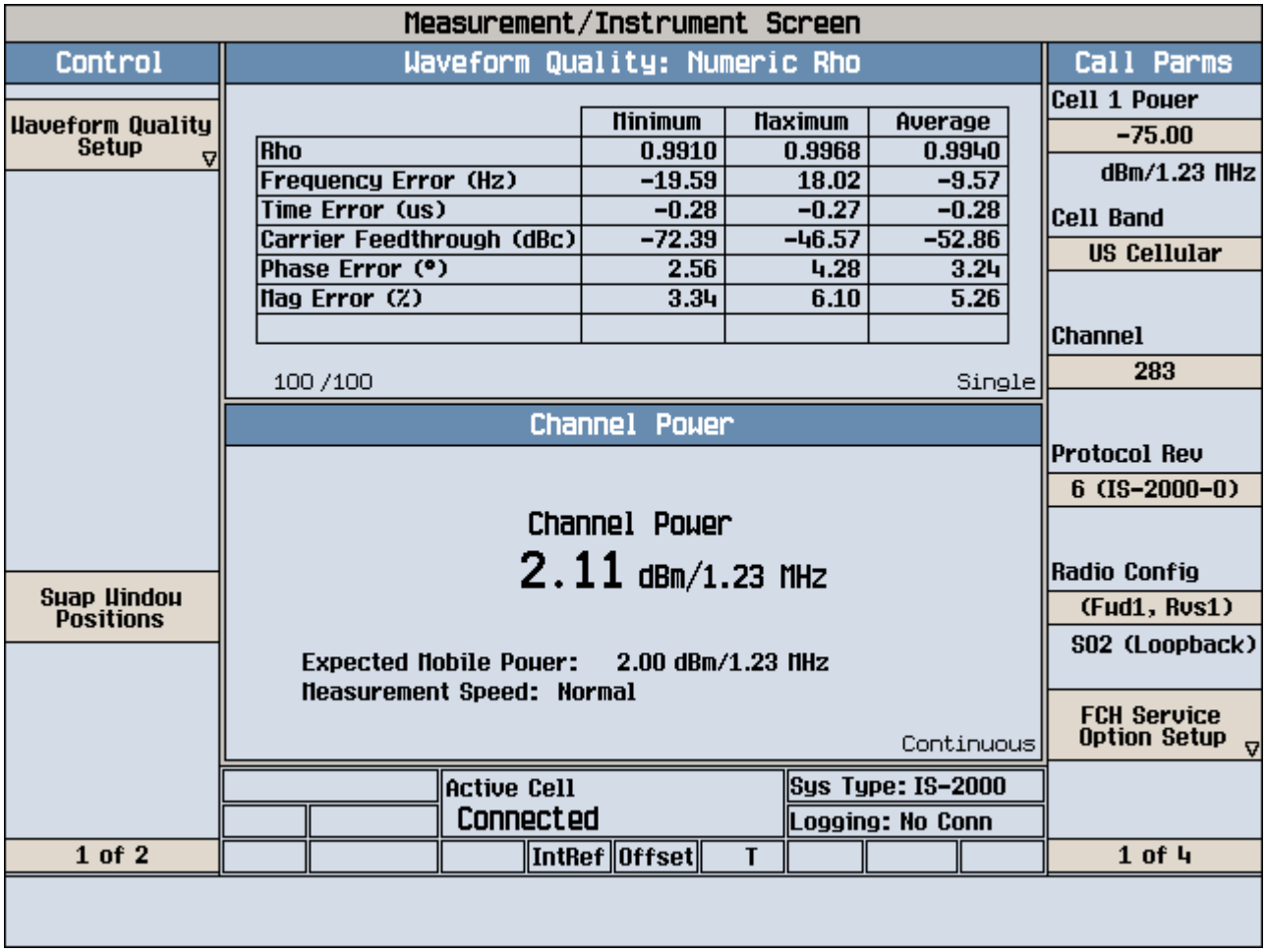
Appendix A

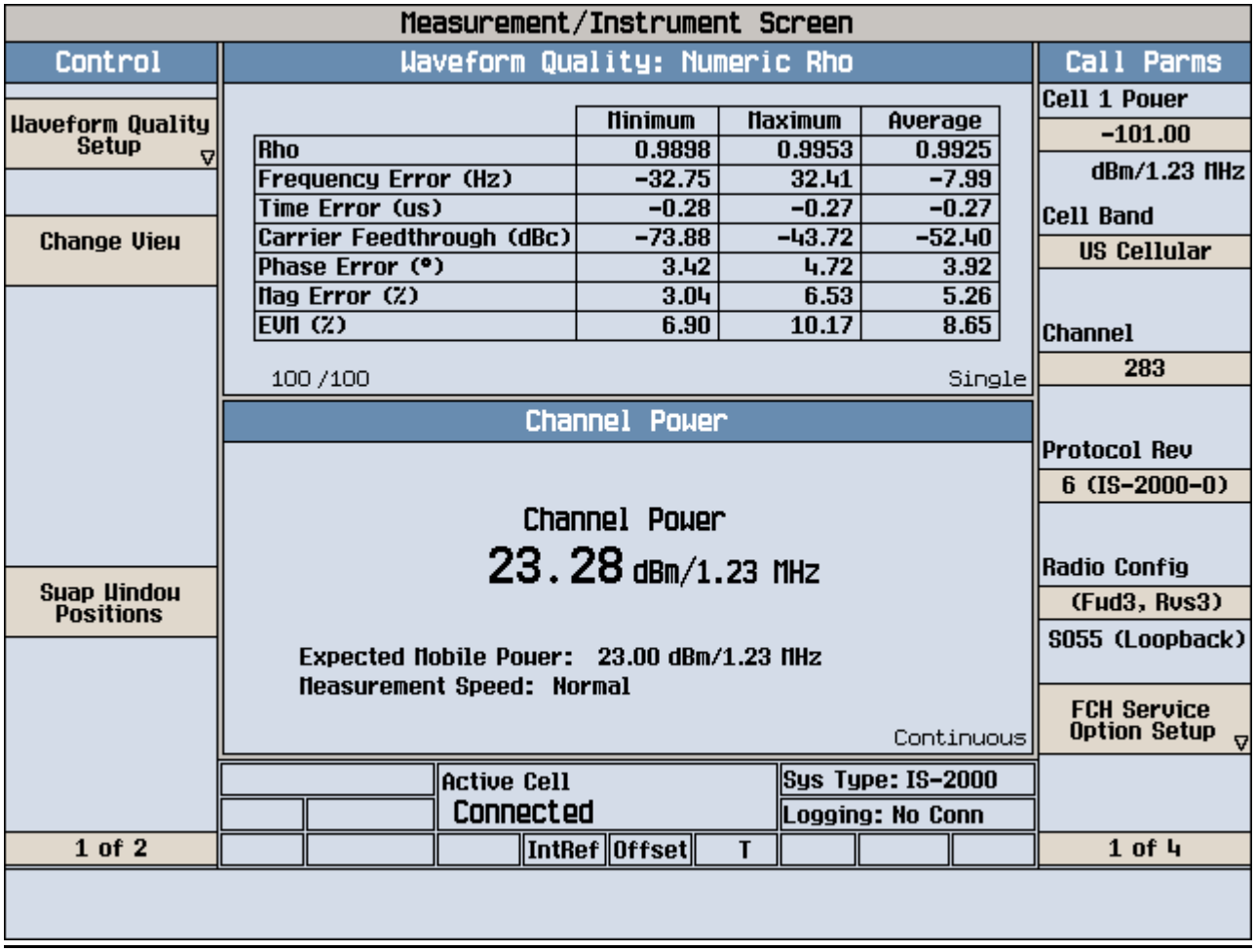
Modulation Characteristics

According to FCC Part 2.1047 & Part22 Subpart H

Channel 283（TM1）



Channel 283（TM3）

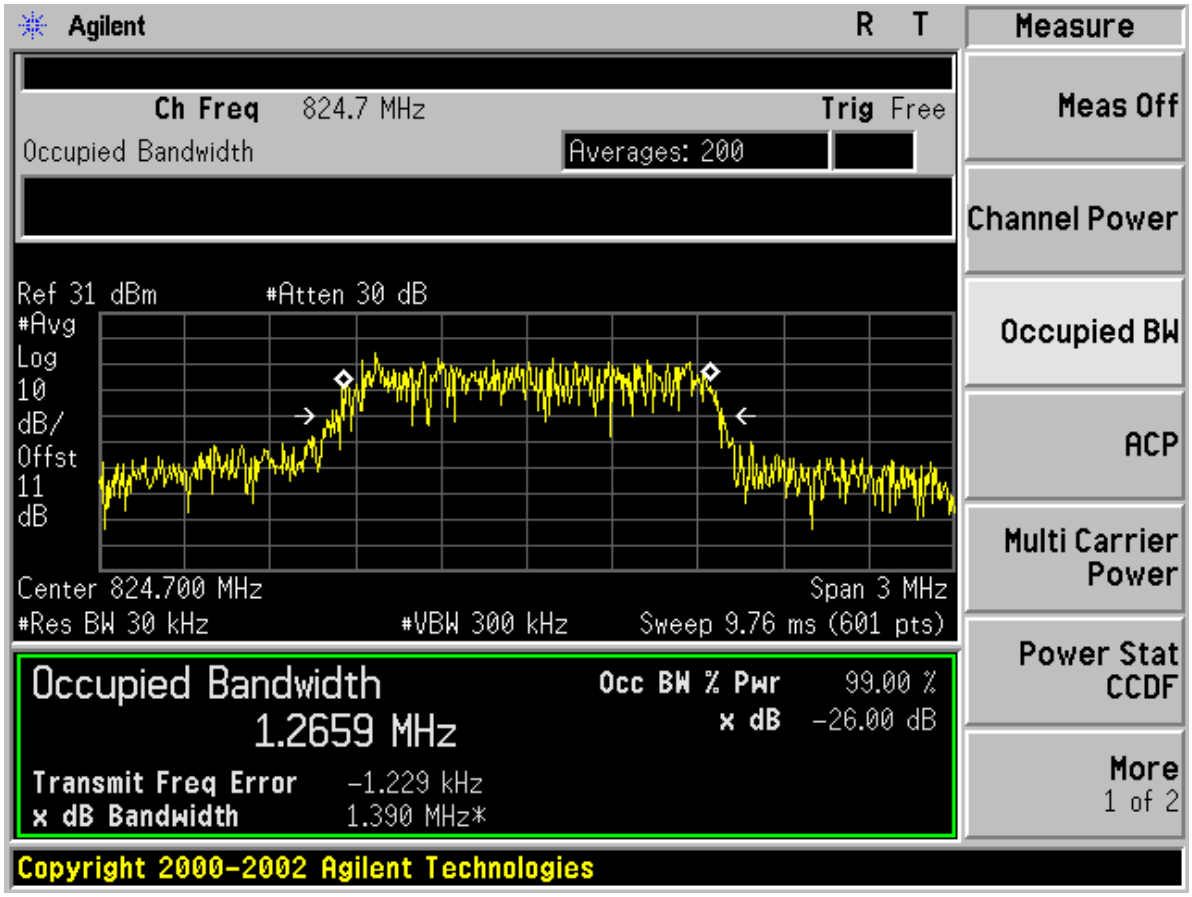


Appendix B

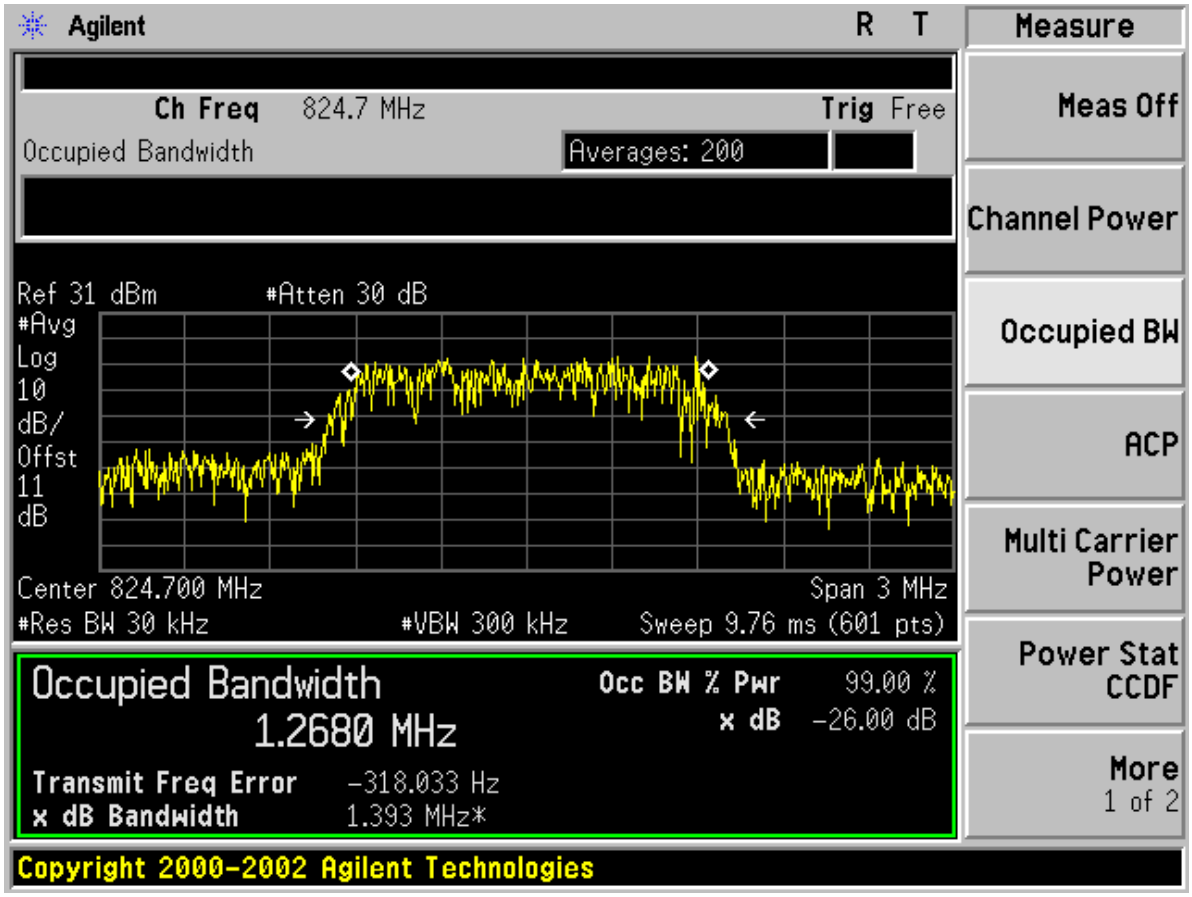
Occupied Bandwidth

According to FCC Part 2.1049 & Part 22 Subpart H

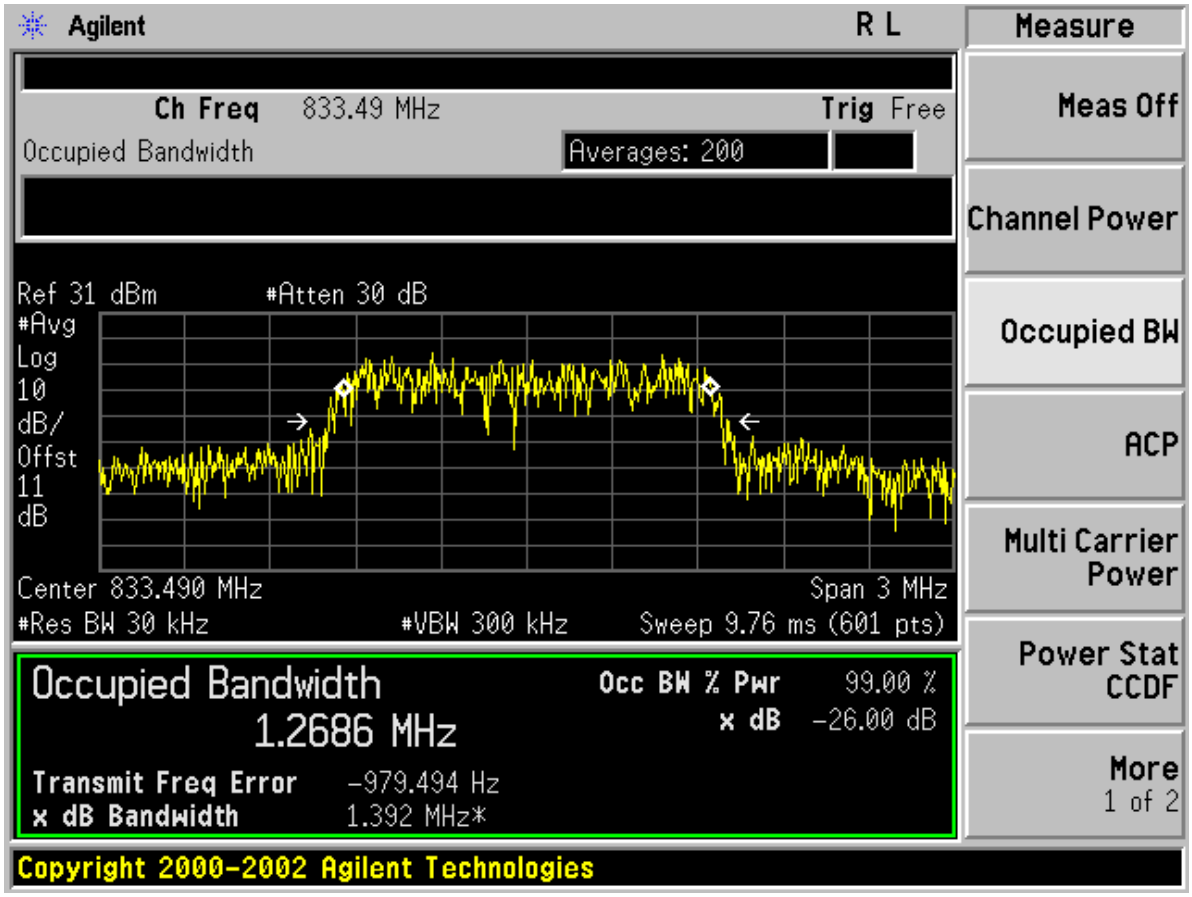
Channel 1013（TM1）



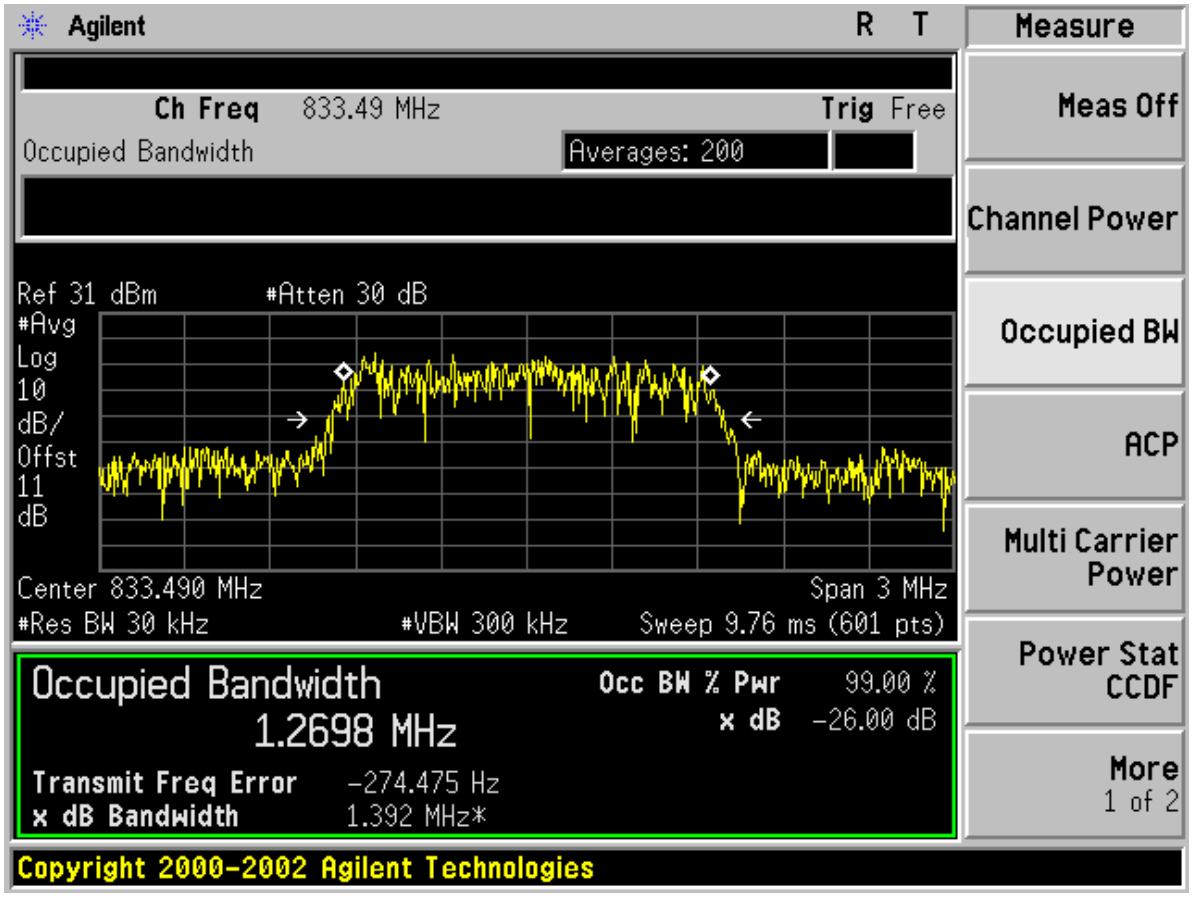
Channel 1013（TM3）



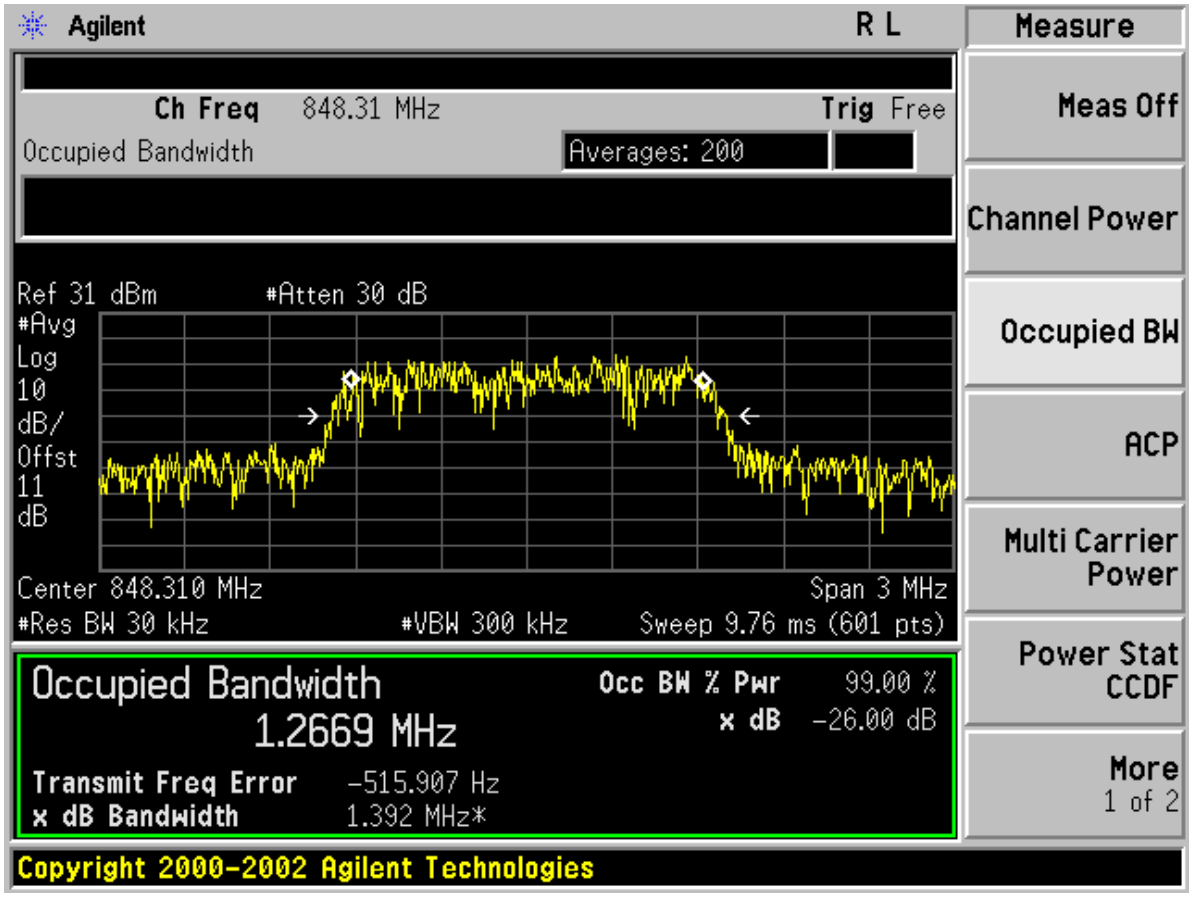
Channel 283（TM1）



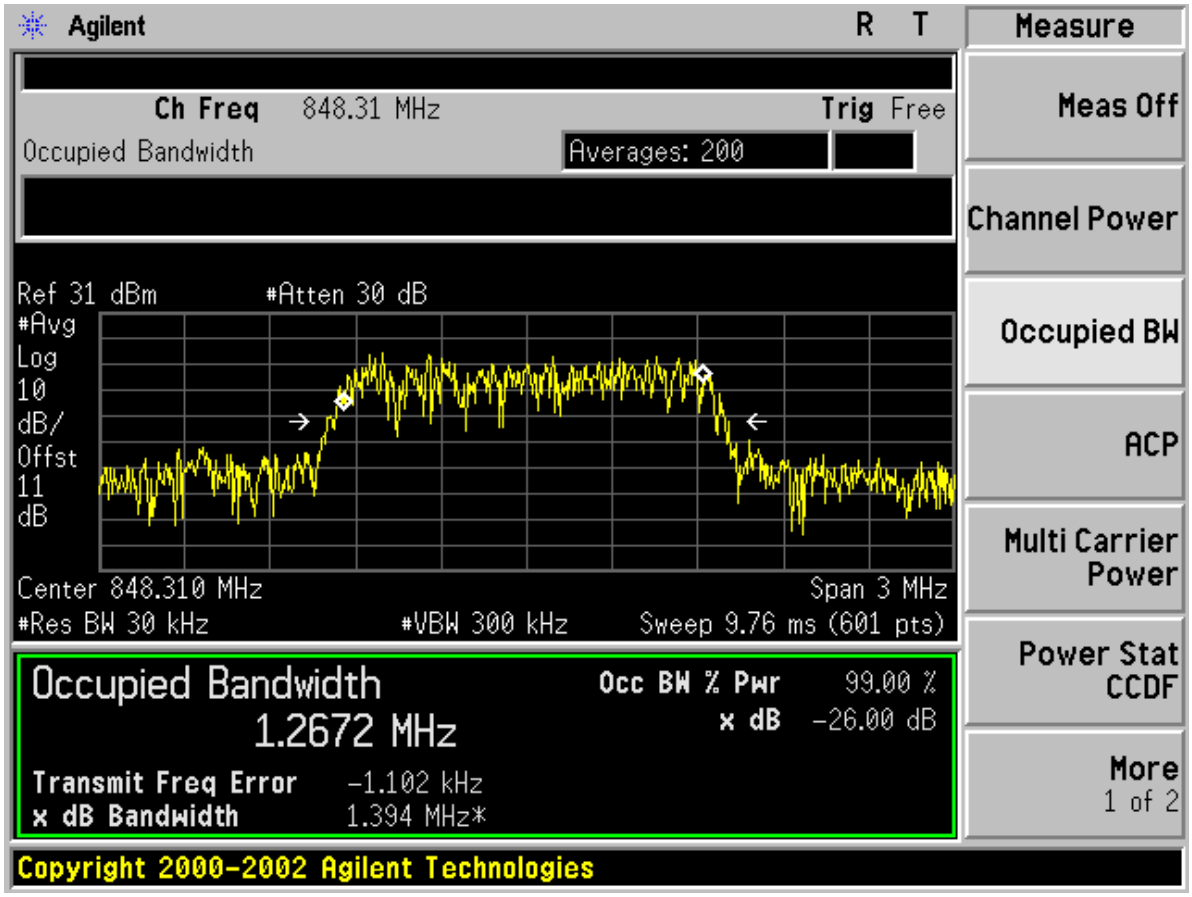
Channel 283（TM3）



Channel 777（TM1）



Channel 777（TM3）

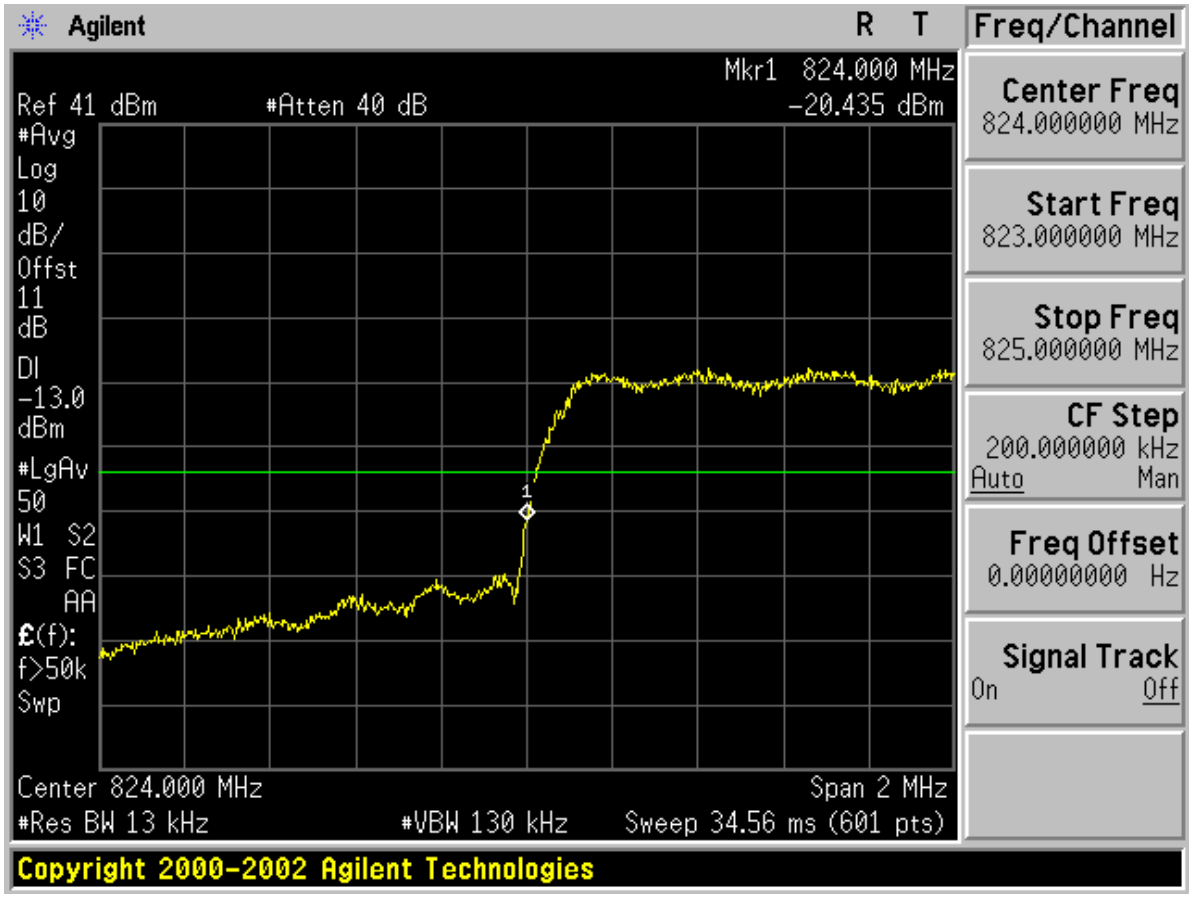


Appendix C

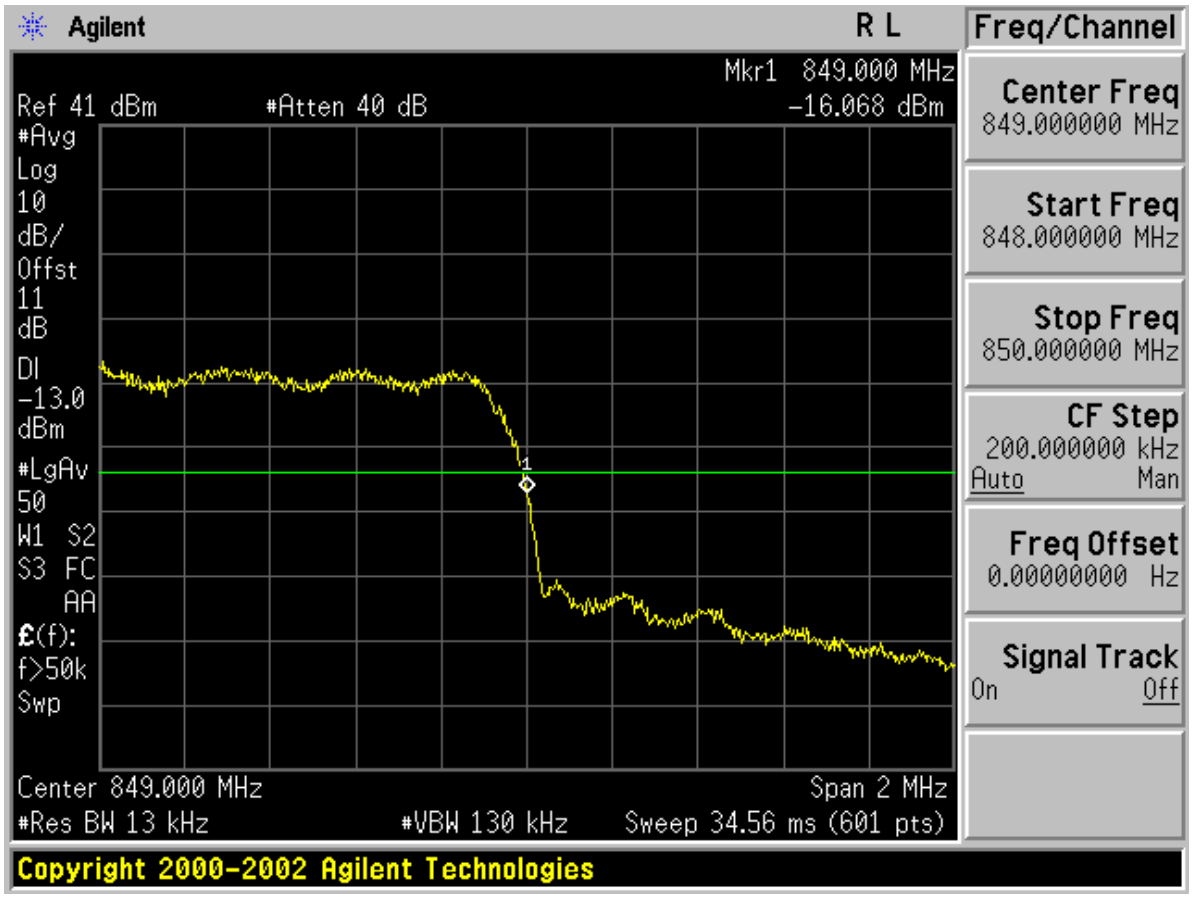
Band Edges Compliance

According to FCC Part 2.1051 & 22.917

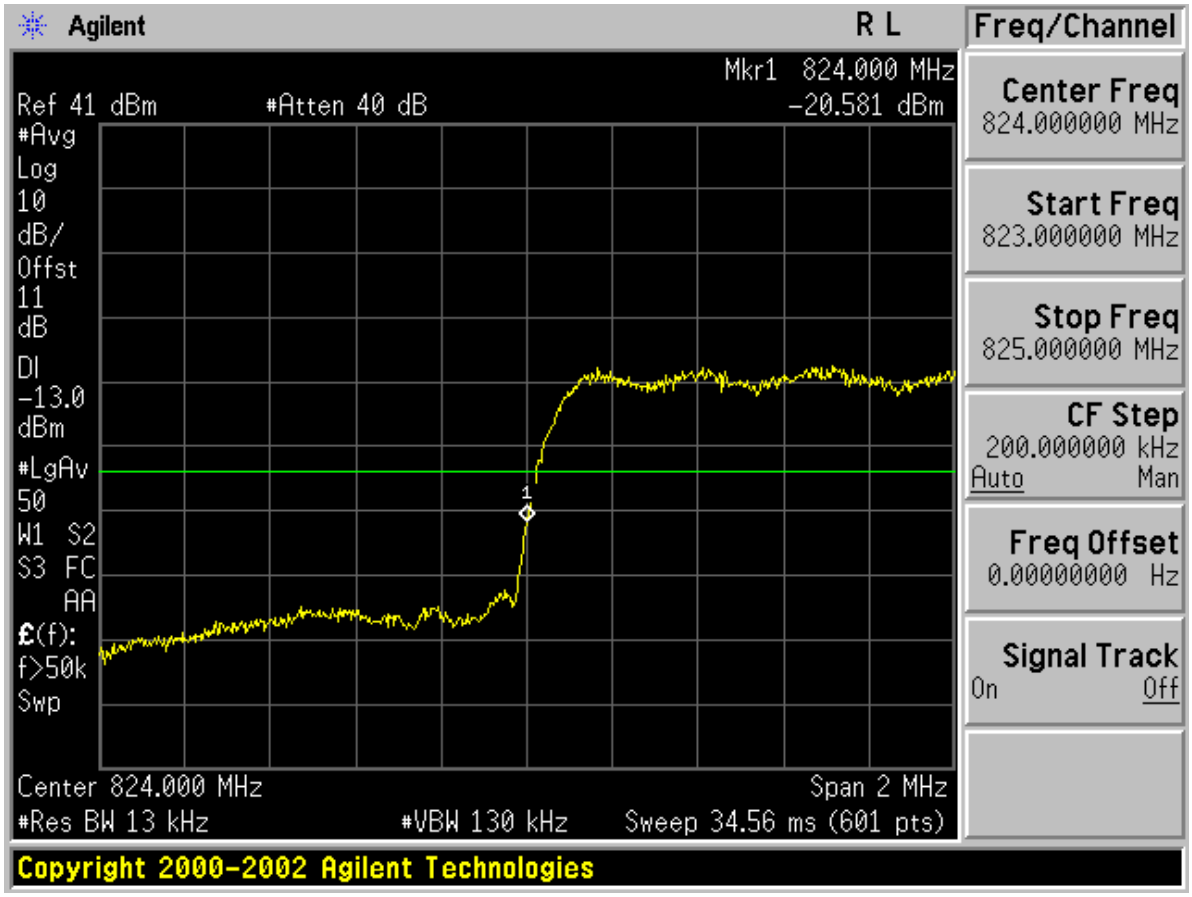
TM1
Left Edge
Channel 1013



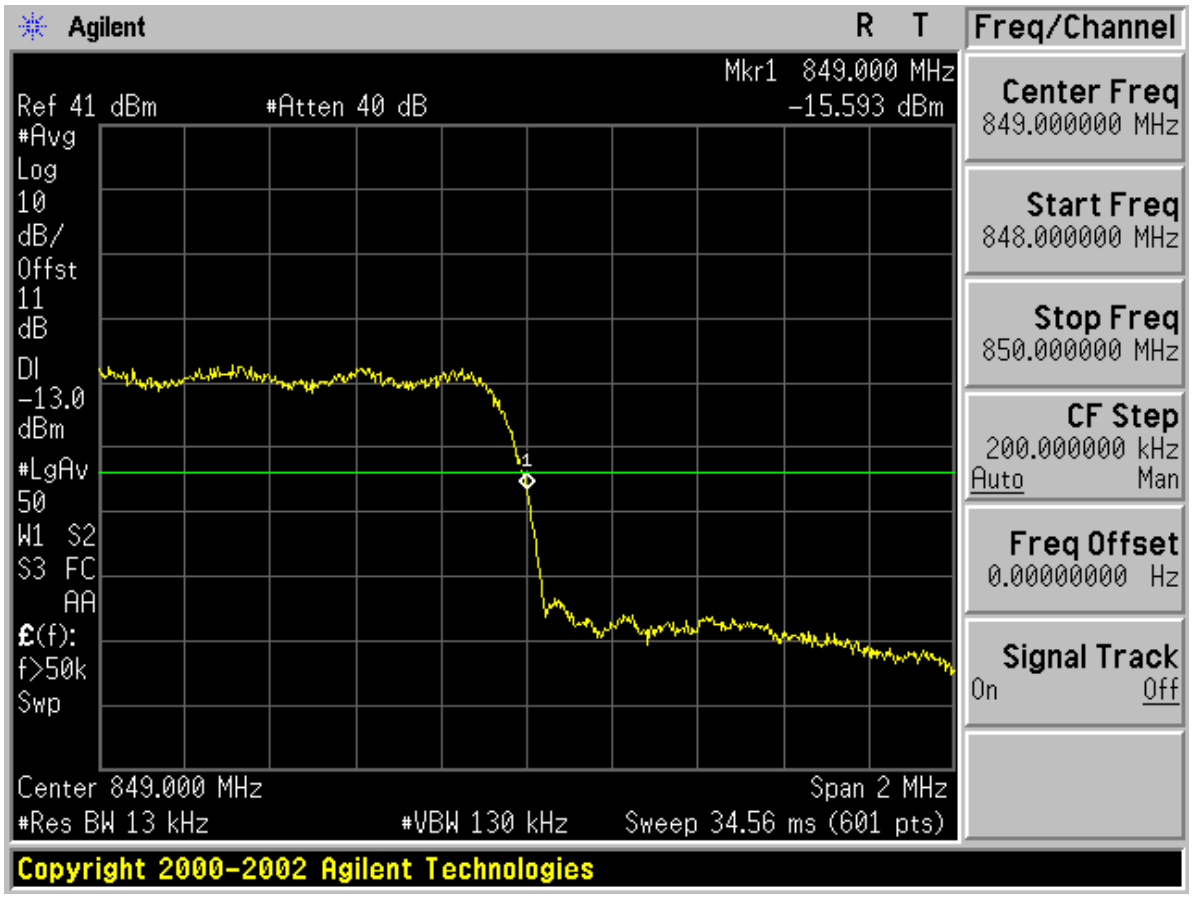
Right Edge
Channel 777



TM3
Left Edge
Channel 1013



Right Edge
Channel 777



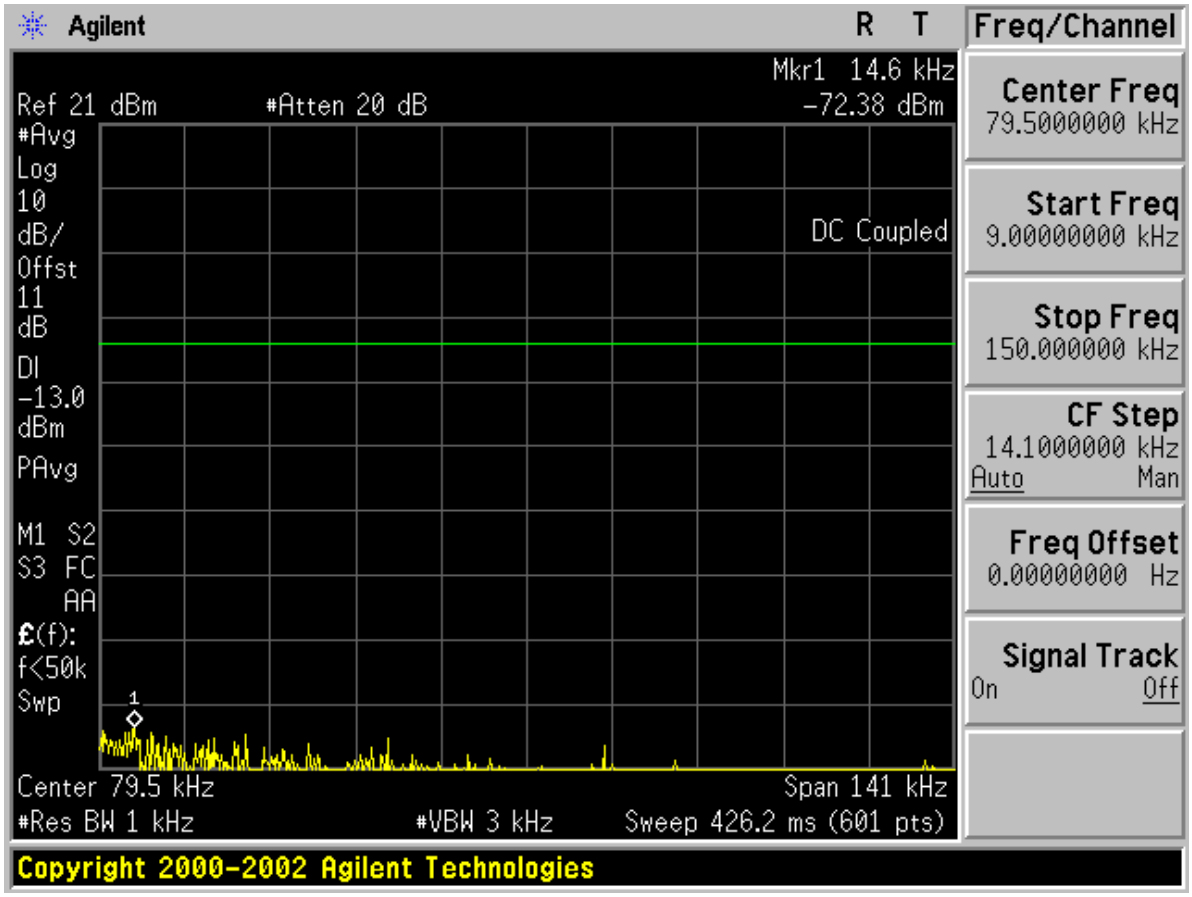
Appendix D

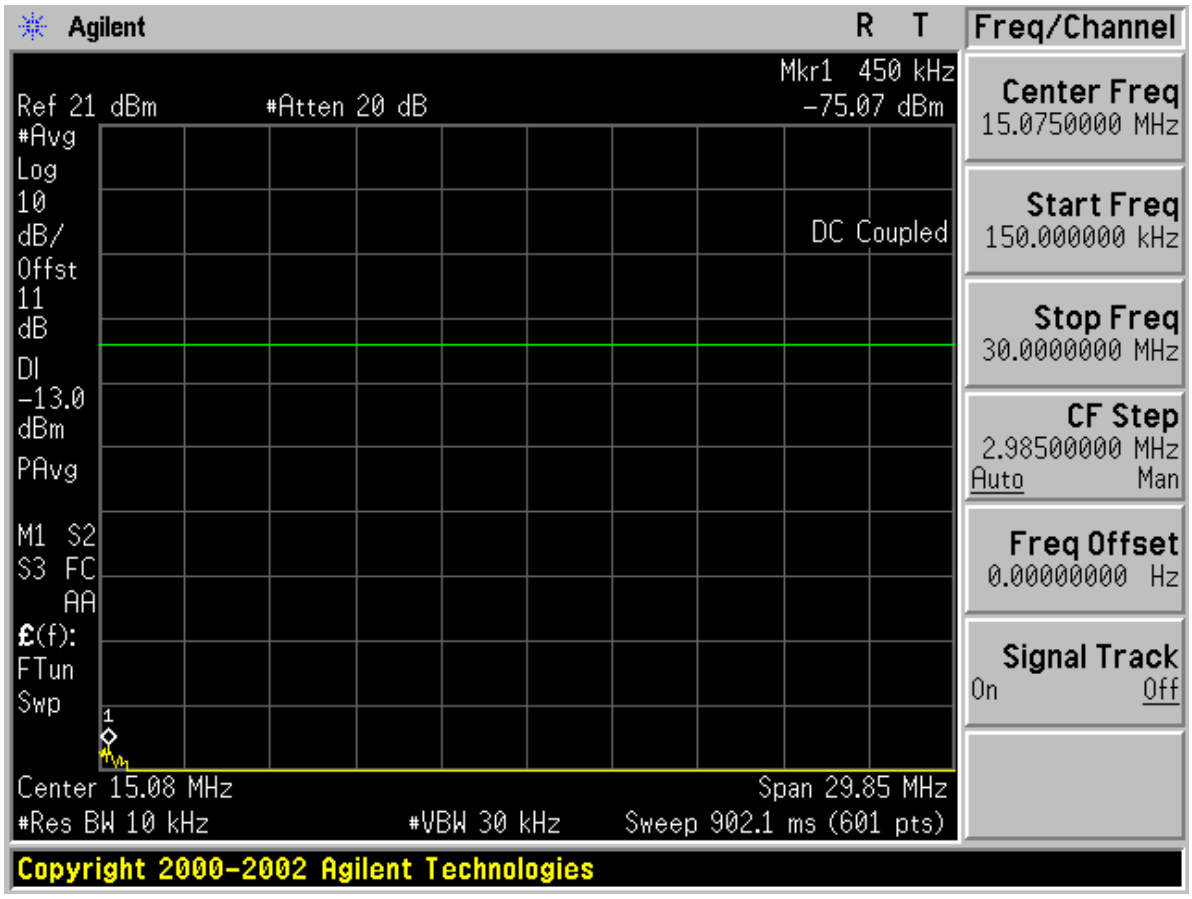
Spurious Emission at Antenna Terminal

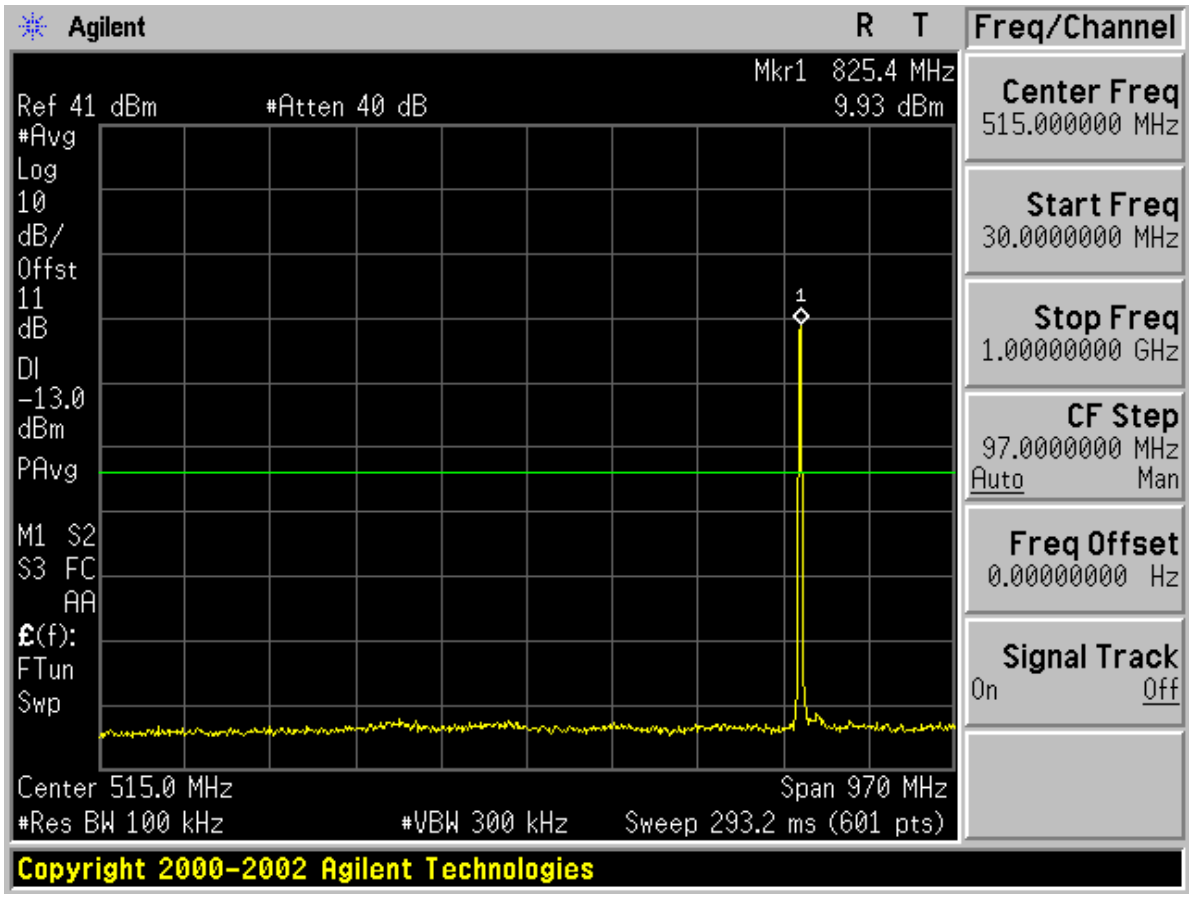
According to FCC Part 2.1051 & 22.917

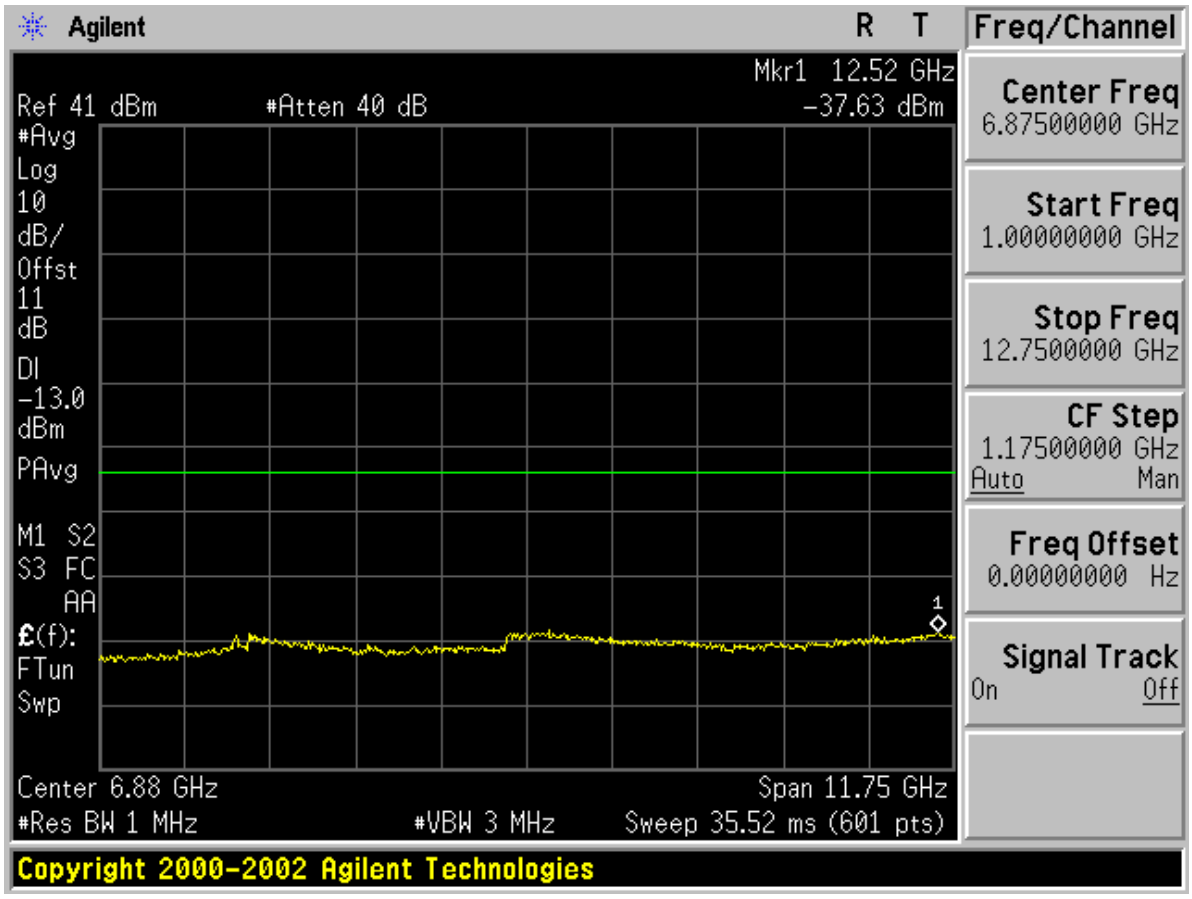
1.1 TM1

Channel 1013

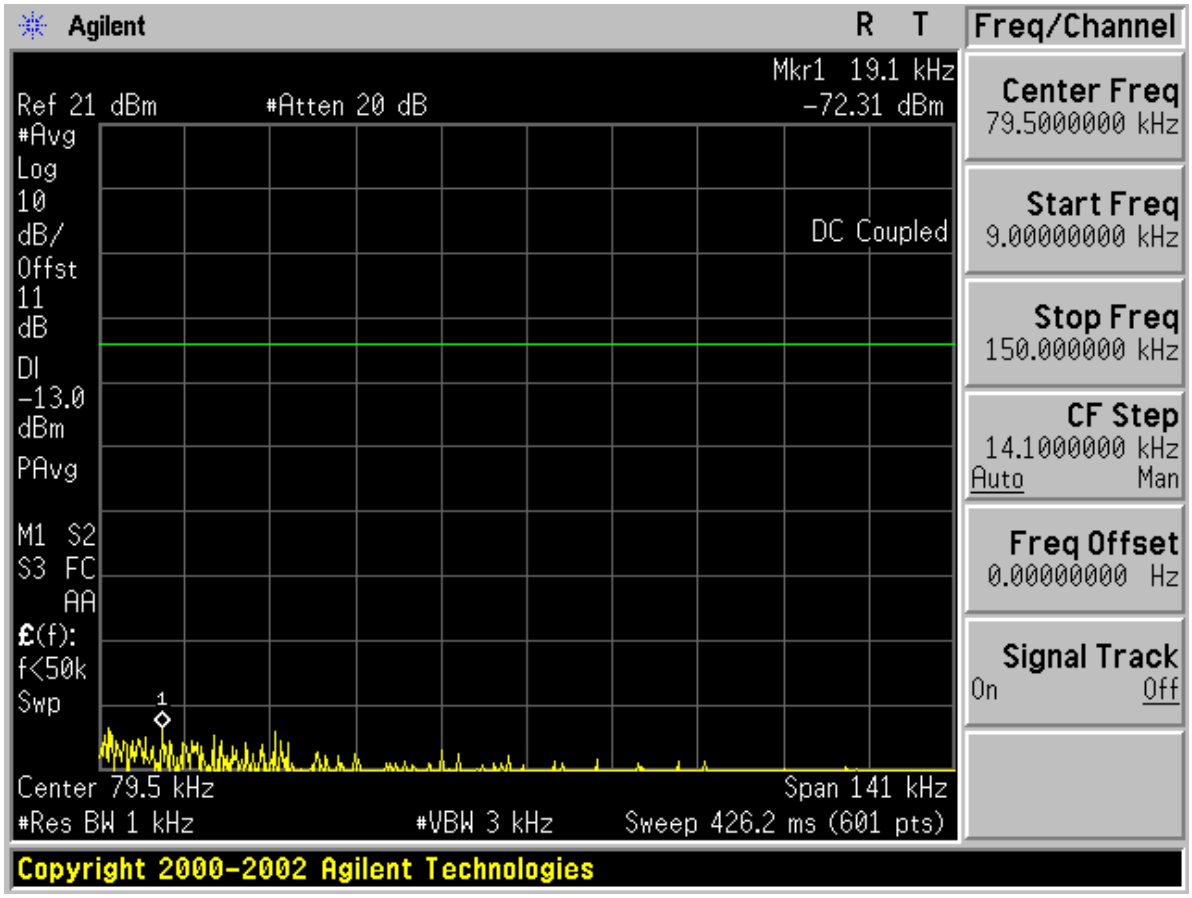


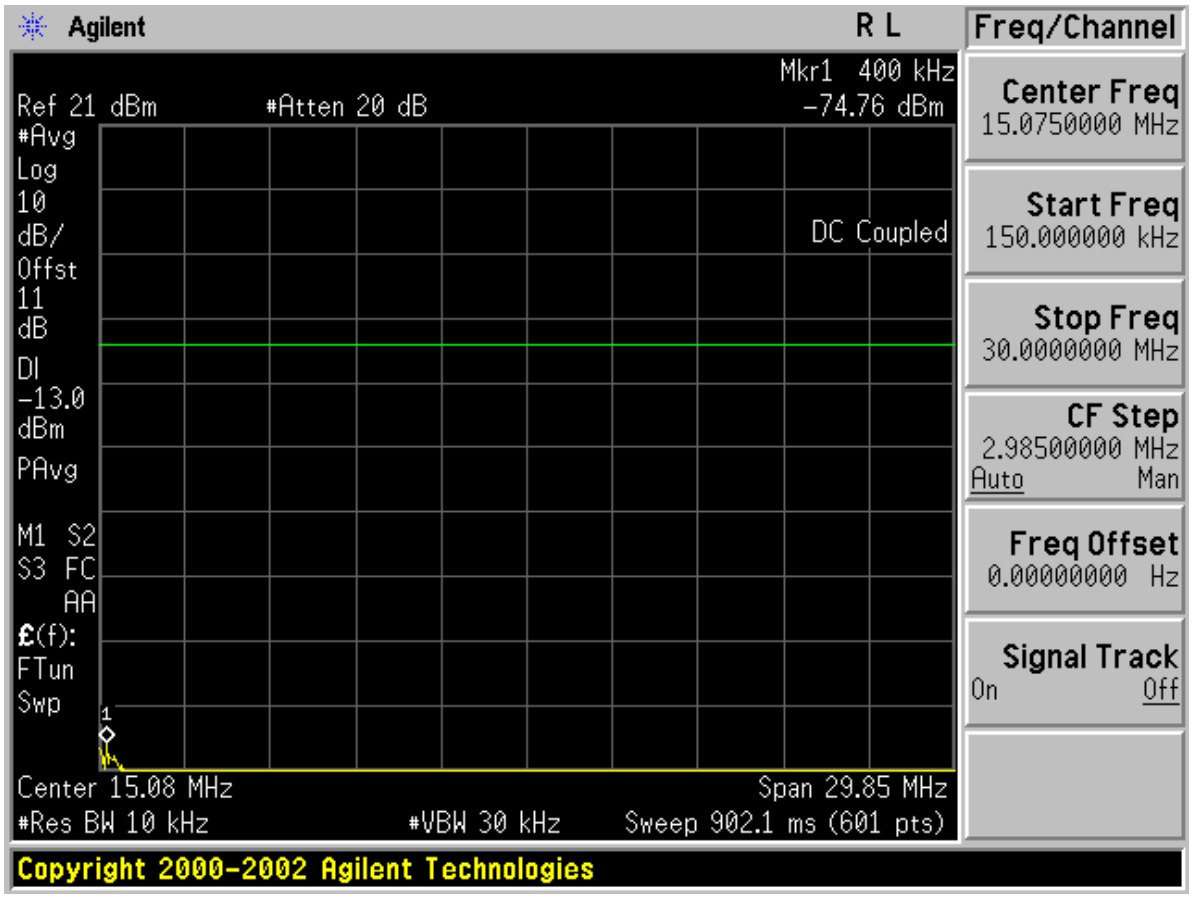

Agilent
R T
Freq/Channel
Mkr1 450 kHz
Ref 21 dBm
#Atten 20 dB
-75.07 dBm
#Avg
Log
10
dB/
Offst
11
dB
DC Coupled
Dl
-13.0
dBm
PAvg
M1 S2
S3 FC
AA
£(f):
FTun
Swp
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Center 15.08 MHz
Span 29.85 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 902.1 ms (601 pts)
Copyright 2000-2002 Agilent Technologies

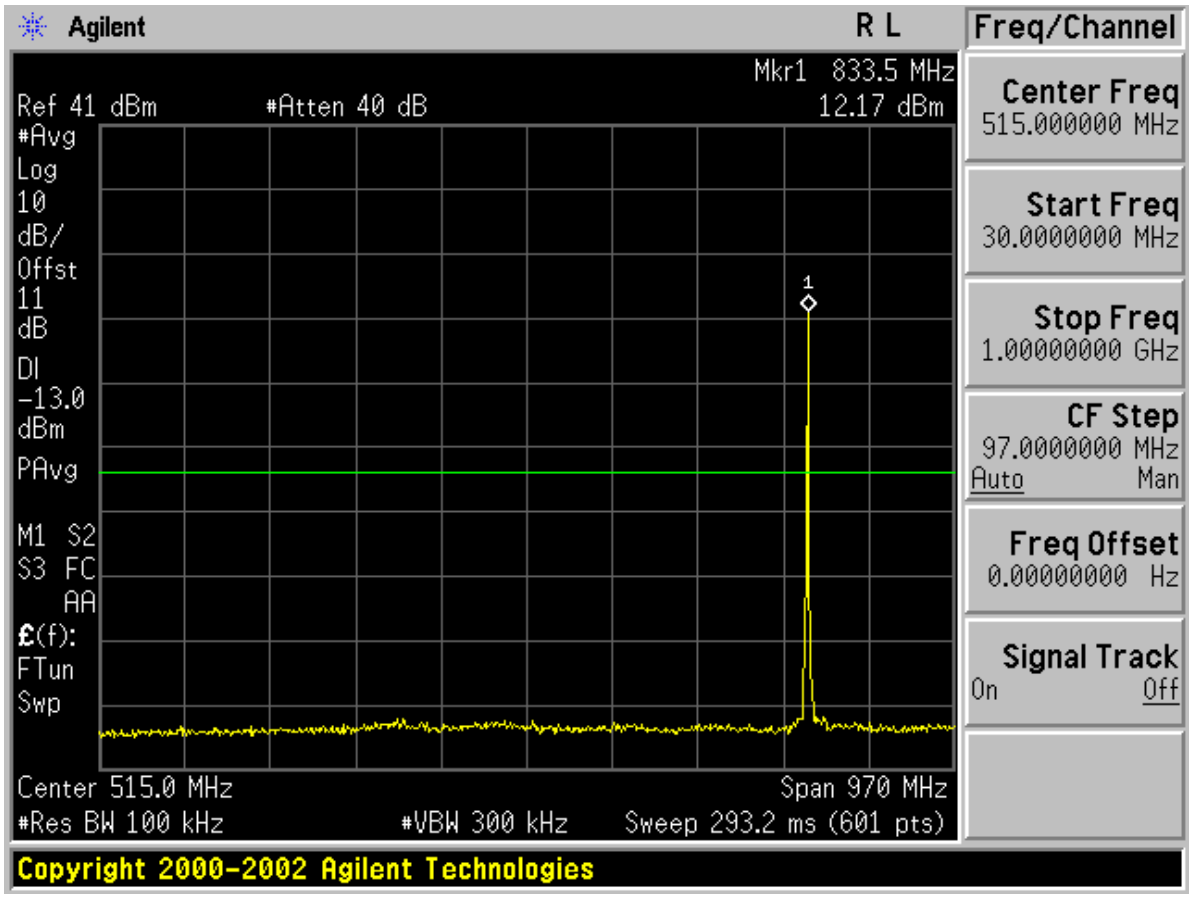

Agilent
R T
Freq/Channel
Mkr1 825.4 MHz
9.93 dBm
Ref 41 dBm
#Atten 40 dB
#Avg
Log
10
dB/
Offst
11
dB
Dl
-13.0
dBm
PAvg
M1 S2
S3 FC
AA
£(f):
FTun
Swp
Center Freq
515.000000 MHz
Start Freq
30.0000000 MHz
Stop Freq
1.00000000 GHz
CF Step
97.0000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Center 515.0 MHz
Span 970 MHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 293.2 ms (601 pts)
Copyright 2000-2002 Agilent Technologies

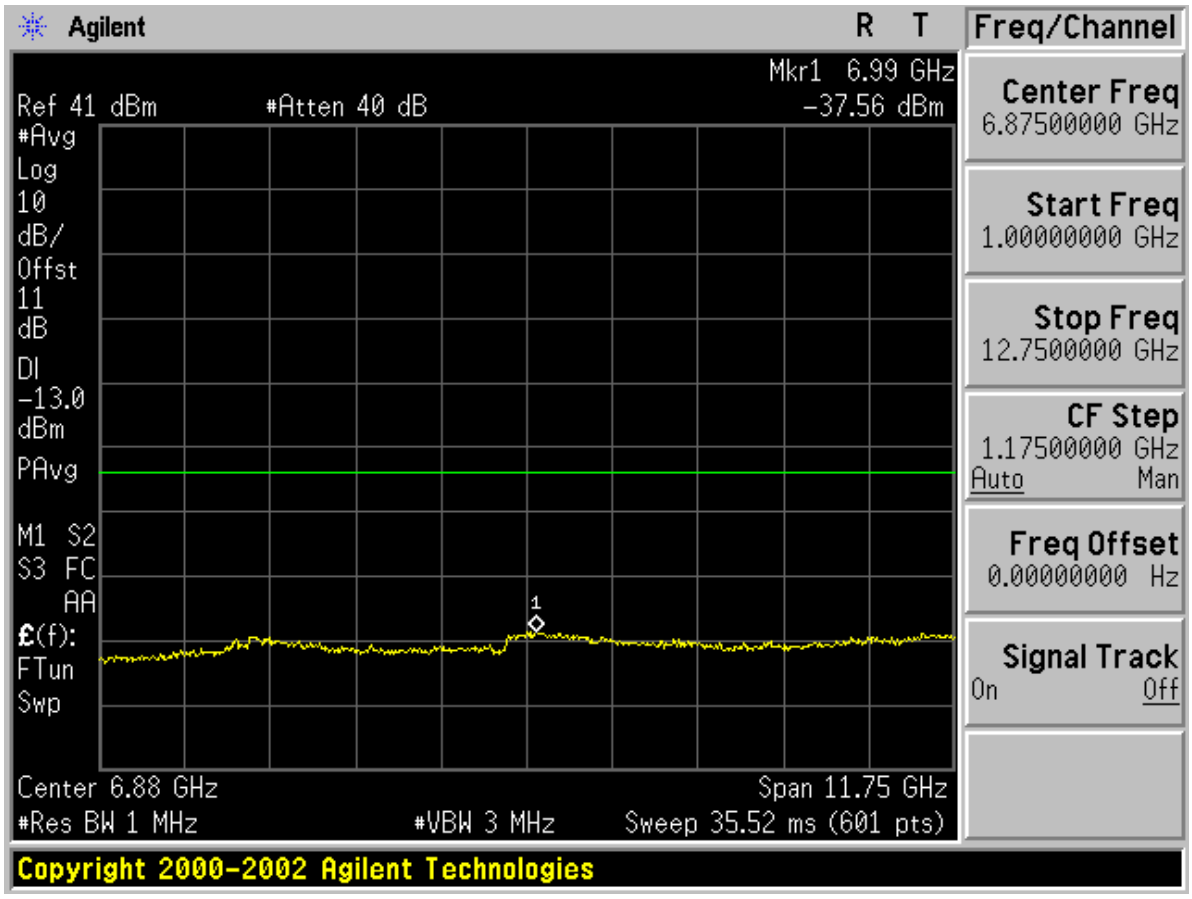

Agilent
R T
Freq/Channel
Mkr1 12.52 GHz
Ref 41 dBm
#Atten 40 dB
-37.63 dBm
#Avg
Log
10
dB/
Offst
11
dB
Dl
-13.0
dBm
PAvg
M1 S2
S3 FC
AA
£(f):
FTun
Swp
Center Freq
6.87500000 GHz
Start Freq
1.00000000 GHz
Stop Freq
12.7500000 GHz
CF Step
1.17500000 GHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Center 6.88 GHz
Span 11.75 GHz
#Res BW 1 MHz
#VBW 3 MHz
Sweep 35.52 ms (601 pts)
Copyright 2000-2002 Agilent Technologies

Channel 283

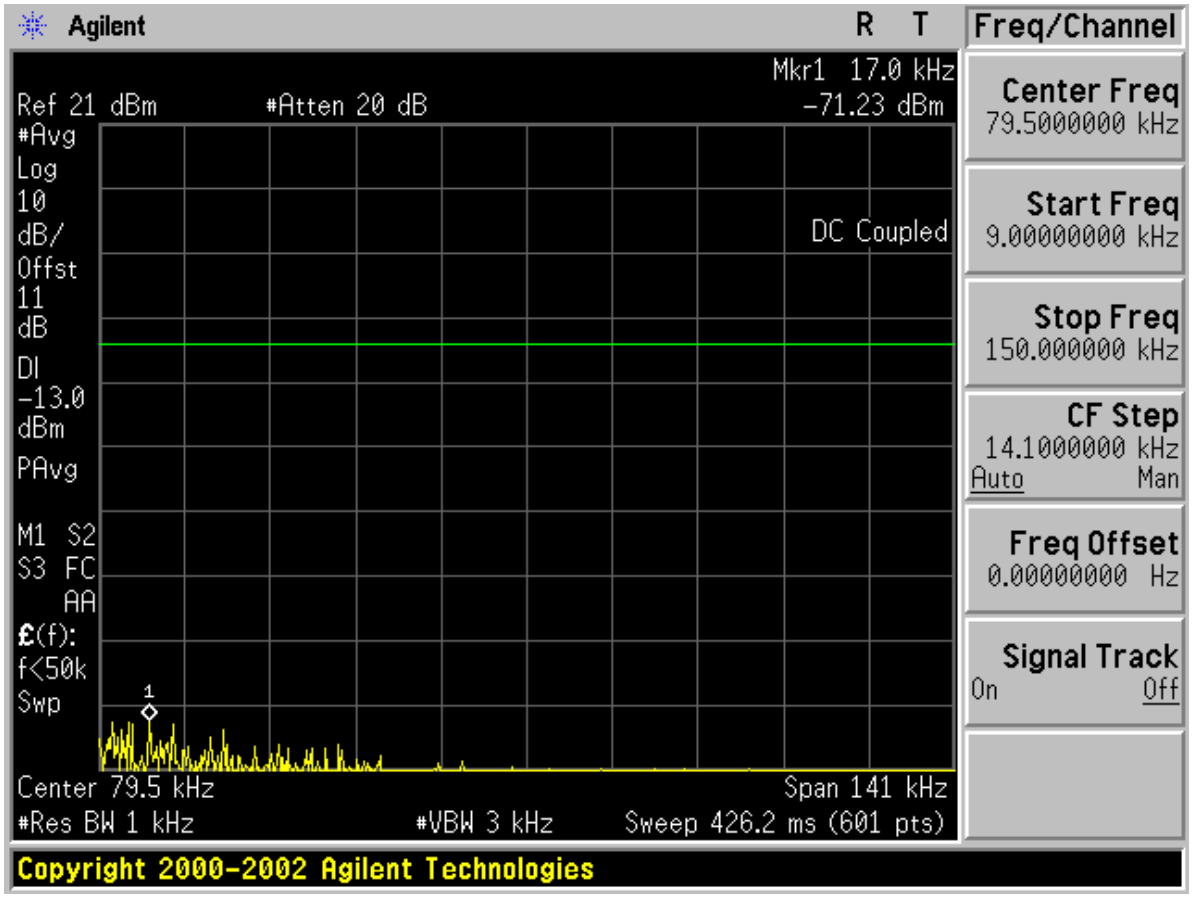

Agilent
R T
Freq/Channel
Mkr1 19.1 kHz
Ref 21 dBm
#Atten 20 dB
-72.31 dBm
#Avg
Log
10
dB/
Offst
11
dB
Dl
-13.0
dBm
PAvg
DC Coupled
M1 S2
S3 FC
AA
£(f):
f<50k
Swp
Center Freq
79.5000000 kHz
Start Freq
9.00000000 kHz
Stop Freq
150.000000 kHz
CF Step
14.1000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Center 79.5 kHz
Span 141 kHz
#Res BW 1 kHz
#VBW 3 kHz
Sweep 426.2 ms (601 pts)
Copyright 2000-2002 Agilent Technologies

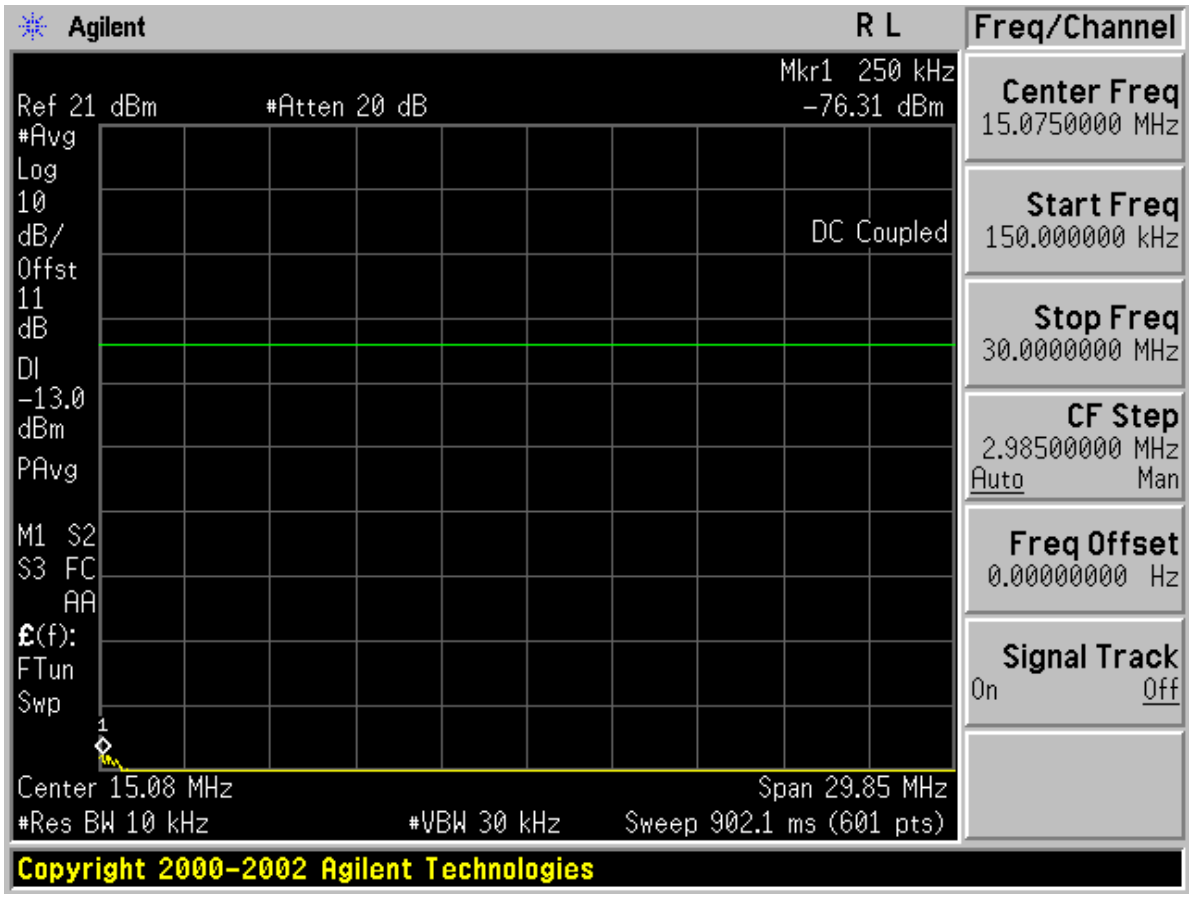

Agilent
R L
Freq/Channel
Mkr1 400 kHz
Ref 21 dBm
#Atten 20 dB
-74.76 dBm
#Avg
Log
10
dB/
Offst
11
dB
DC Coupled
Dl
-13.0
dBm
PAvg
M1 S2
S3 FC
AA
£(f):
FTun
Swp
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Center 15.08 MHz
Span 29.85 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 902.1 ms (601 pts)
Copyright 2000-2002 Agilent Technologies

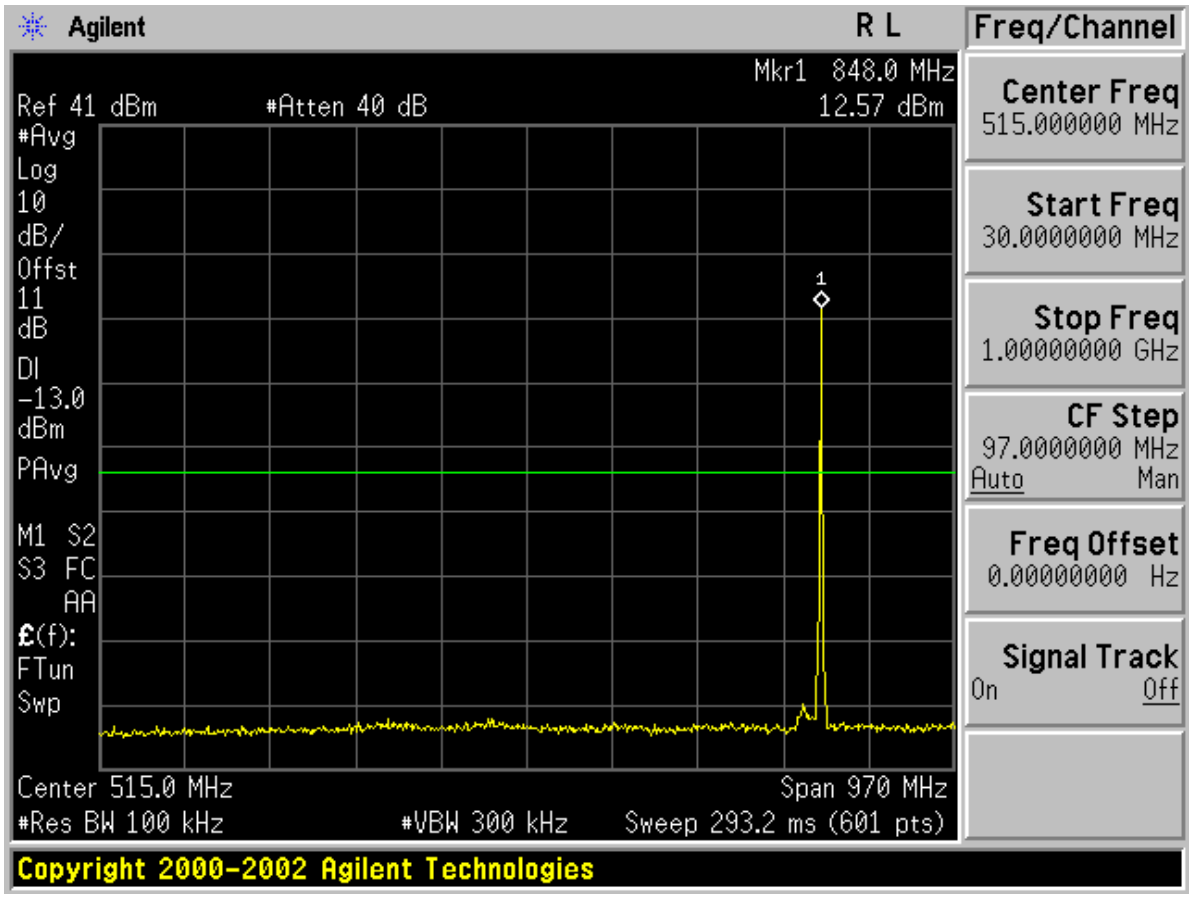

Agilent
R L
Freq/Channel
Mkr1 833.5 MHz
12.17 dBm
Ref 41 dBm
#Atten 40 dB
#Avg
Log
10
dB/
Offst
11
dB
Dl
-13.0
dBm
PAvg
M1 S2
S3 FC
AA
£(f):
FTun
Swp
Center 515.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Span 970 MHz
Sweep 293.2 ms (601 pts)
Center Freq
515.000000 MHz
Start Freq
30.0000000 MHz
Stop Freq
1.00000000 GHz
CF Step
97.0000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Copyright 2000-2002 Agilent Technologies

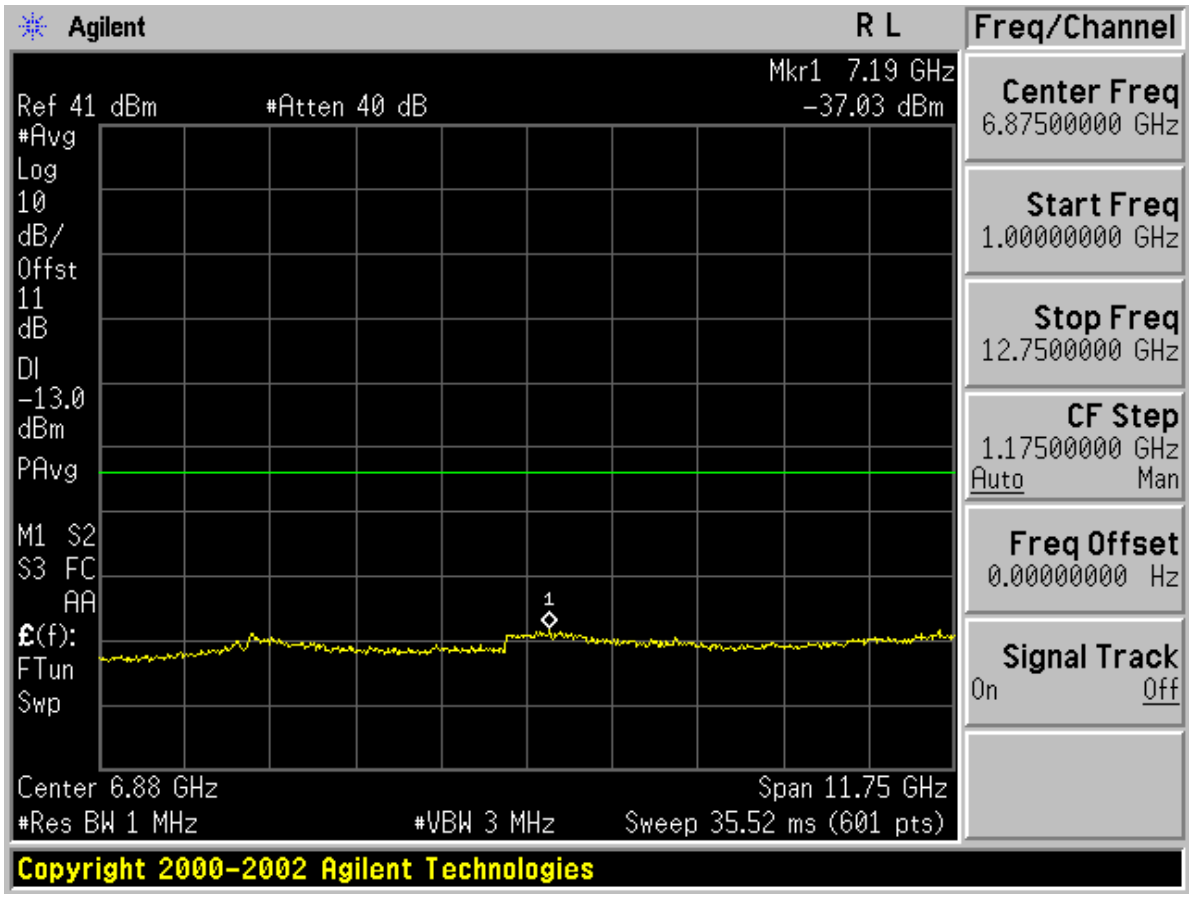

Agilent
R T
Freq/Channel
Mkr1 6.99 GHz
Ref 41 dBm
#Atten 40 dB
-37.56 dBm
#Avg
Log
10
dB/
Offst
11
dB
Dl
-13.0
dBm
PAvg
M1 S2
S3 FC
AA
£(f):
FTun
Swp
Center Freq
6.87500000 GHz
Start Freq
1.00000000 GHz
Stop Freq
12.7500000 GHz
CF Step
1.17500000 GHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Center 6.88 GHz
Span 11.75 GHz
#Res BW 1 MHz
#VBW 3 MHz
Sweep 35.52 ms (601 pts)
Copyright 2000-2002 Agilent Technologies

Channel 777

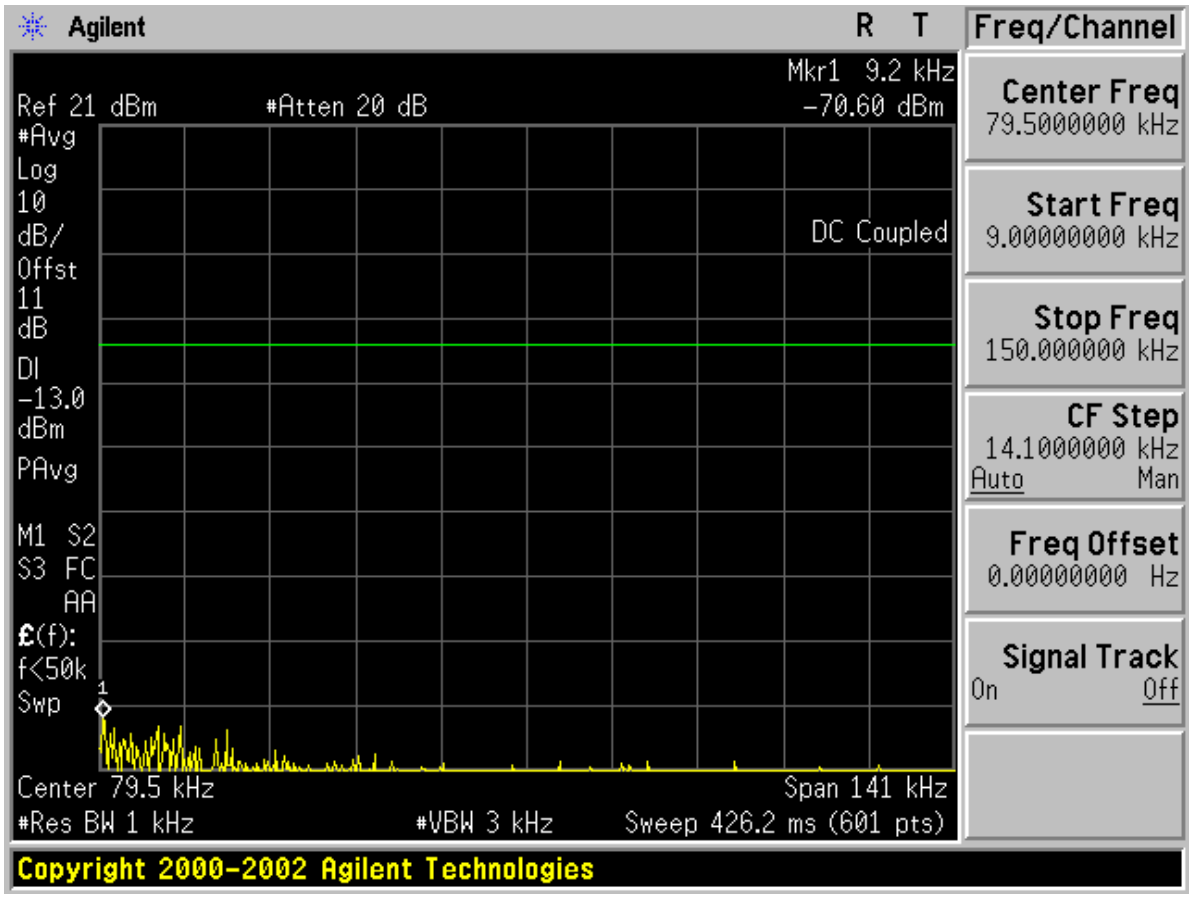

Agilent
R T
Freq/Channel
Mkr1 17.0 kHz
Ref 21 dBm
#Atten 20 dB
-71.23 dBm
#Avg
Log
10
dB/
Offst
11
dB
Dl
-13.0
dBm
PAvg
M1 S2
S3 FC
AA
£(f):
f<50k
Swp
DC Coupled
Center Freq
79.5000000 kHz
Start Freq
9.00000000 kHz
Stop Freq
150.000000 kHz
CF Step
14.1000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Center 79.5 kHz
Span 141 kHz
#Res BW 1 kHz
#VBW 3 kHz
Sweep 426.2 ms (601 pts)
Copyright 2000-2002 Agilent Technologies

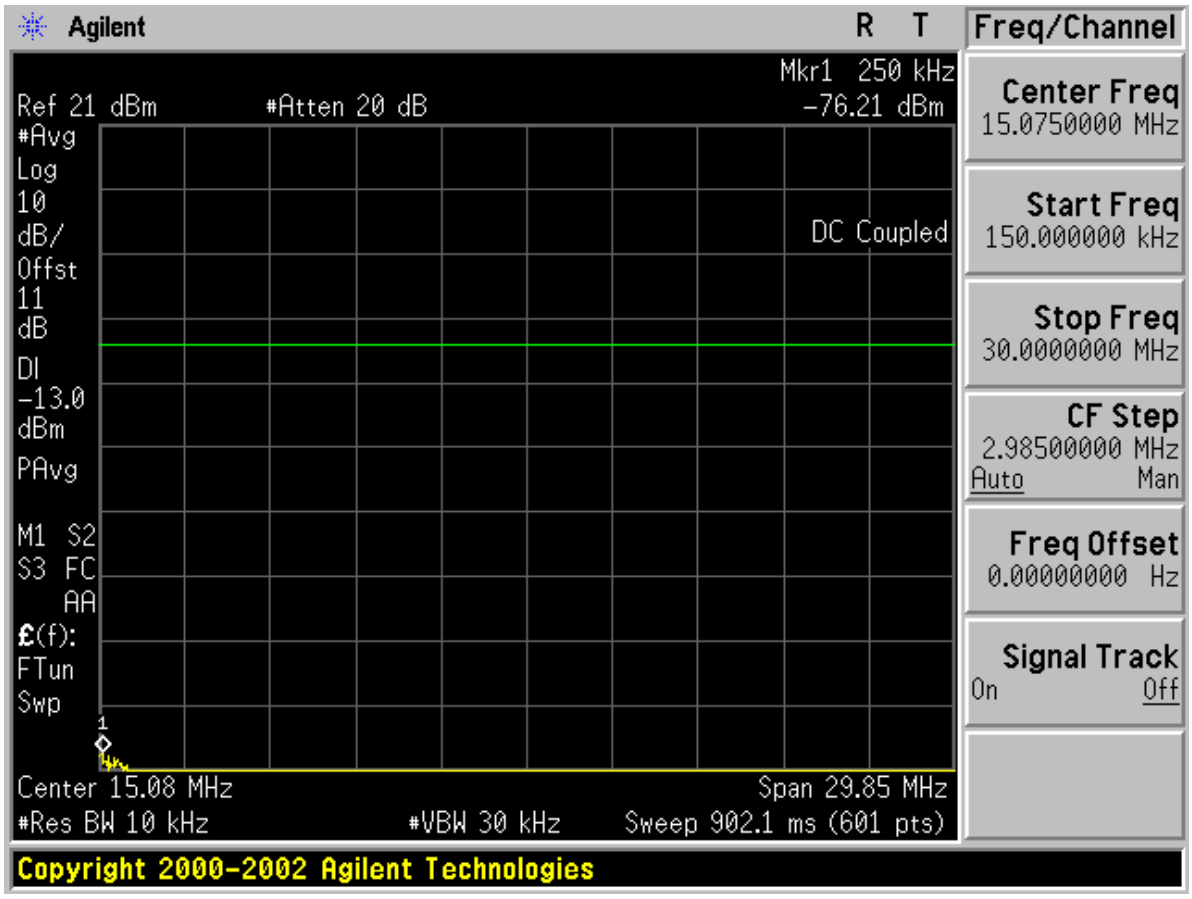

Agilent
R L
Freq/Channel
Mkr1 250 kHz
Ref 21 dBm
#Atten 20 dB
-76.31 dBm
#Avg
Log
10
dB/
Offst
11
dB
DC Coupled
Dl
-13.0
dBm
PAvg
M1 S2
S3 FC
AA
£(f):
FTun
Swp
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Center 15.08 MHz
Span 29.85 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 902.1 ms (601 pts)
Copyright 2000-2002 Agilent Technologies

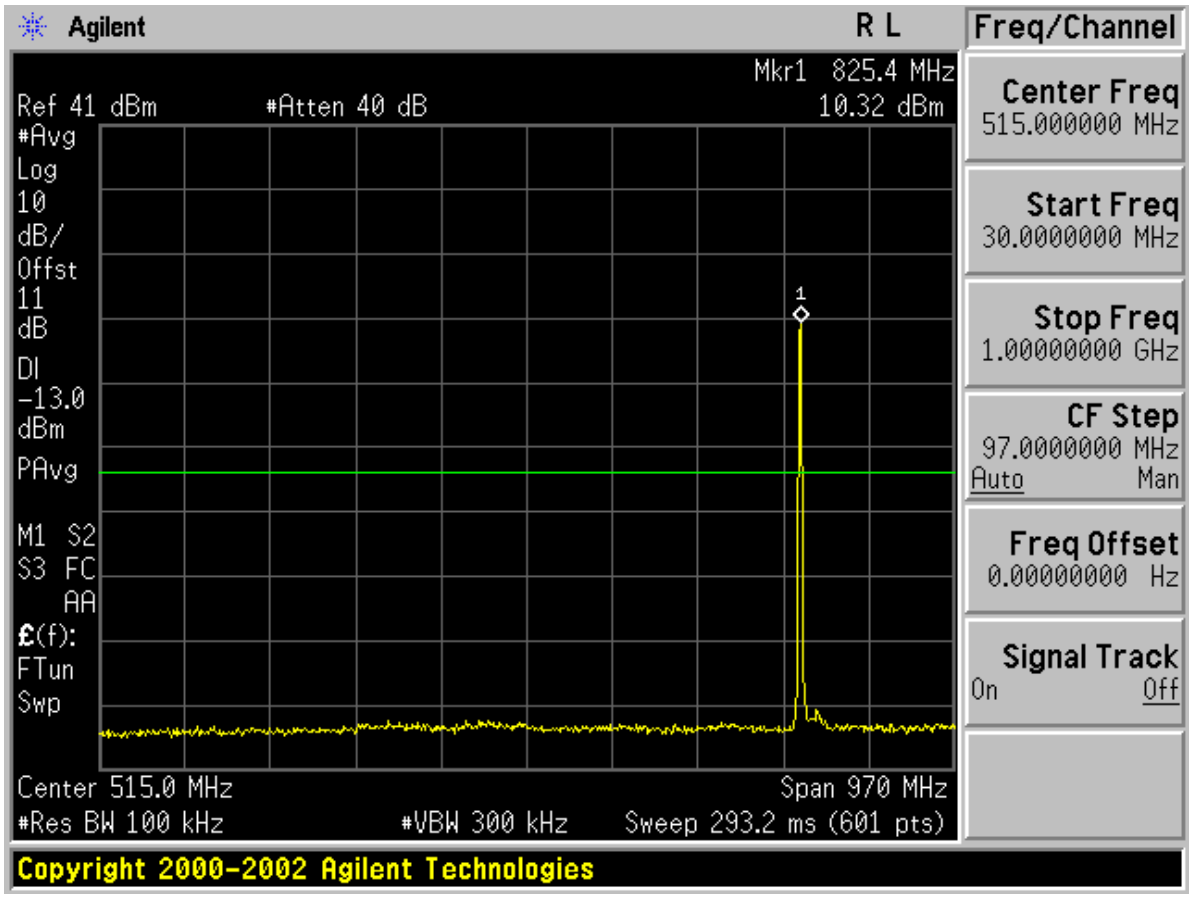

Agilent
R L
Freq/Channel
Mkr1 848.0 MHz
12.57 dBm
Ref 41 dBm
#Atten 40 dB
#Avg
Log
10
dB/
Offst
11
dB
Dl
-13.0
dBm
PAvg
M1 S2
S3 FC
AA
£(f):
FTun
Swp
Center 515.0 MHz
Span 970 MHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 293.2 ms (601 pts)
Center Freq
515.000000 MHz
Start Freq
30.0000000 MHz
Stop Freq
1.00000000 GHz
CF Step
97.0000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Copyright 2000-2002 Agilent Technologies

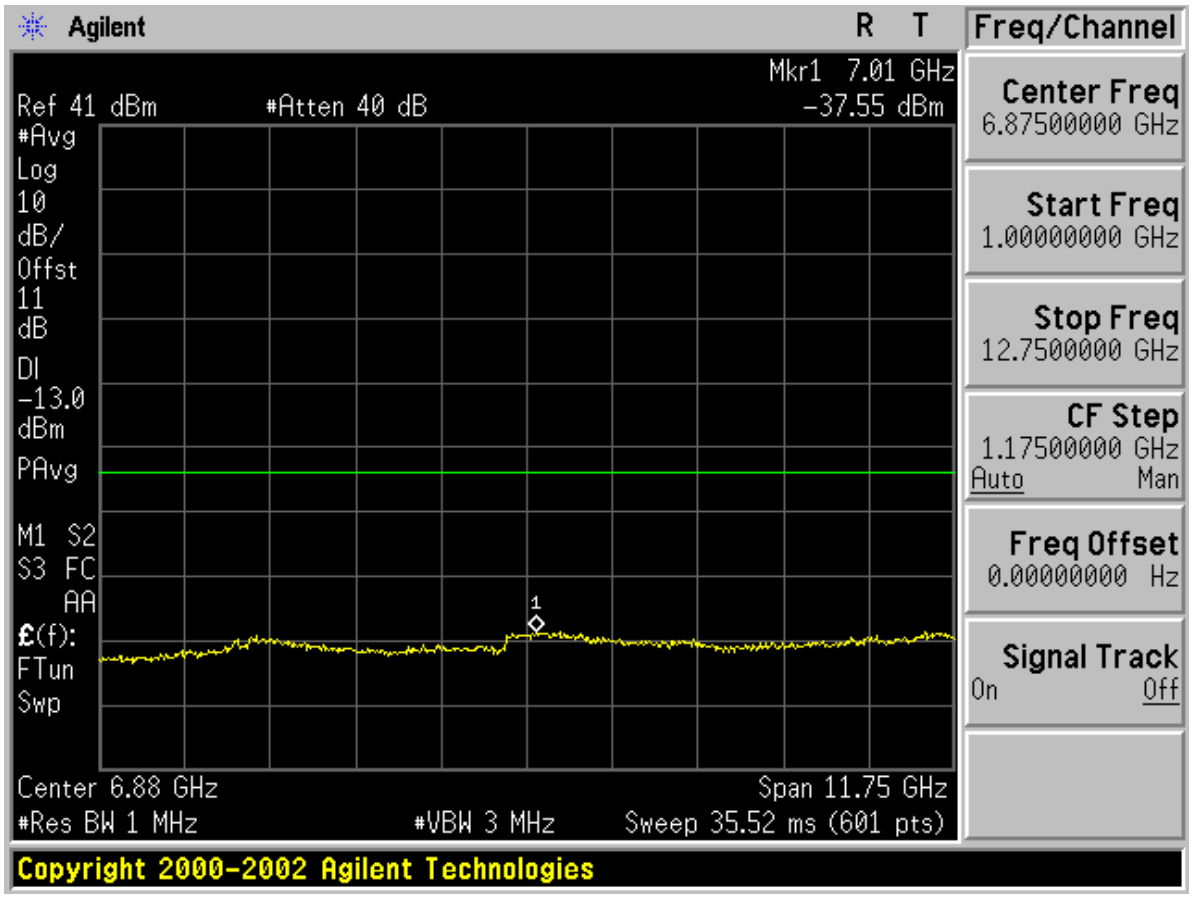

Agilent
R L
Freq/Channel
Mkr1 7.19 GHz
Ref 41 dBm
#Atten 40 dB
-37.03 dBm
#Avg
Log
10
dB/
Offst
11
dB
Dl
-13.0
dBm
PAvg
M1 S2
S3 FC
AA
£(f):
FTun
Swp
1
Center Freq
6.87500000 GHz
Start Freq
1.00000000 GHz
Stop Freq
12.7500000 GHz
CF Step
1.17500000 GHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Center 6.88 GHz
Span 11.75 GHz
#Res BW 1 MHz
#VBW 3 MHz
Sweep 35.52 ms (601 pts)
Copyright 2000-2002 Agilent Technologies

TM3
Channel 1013

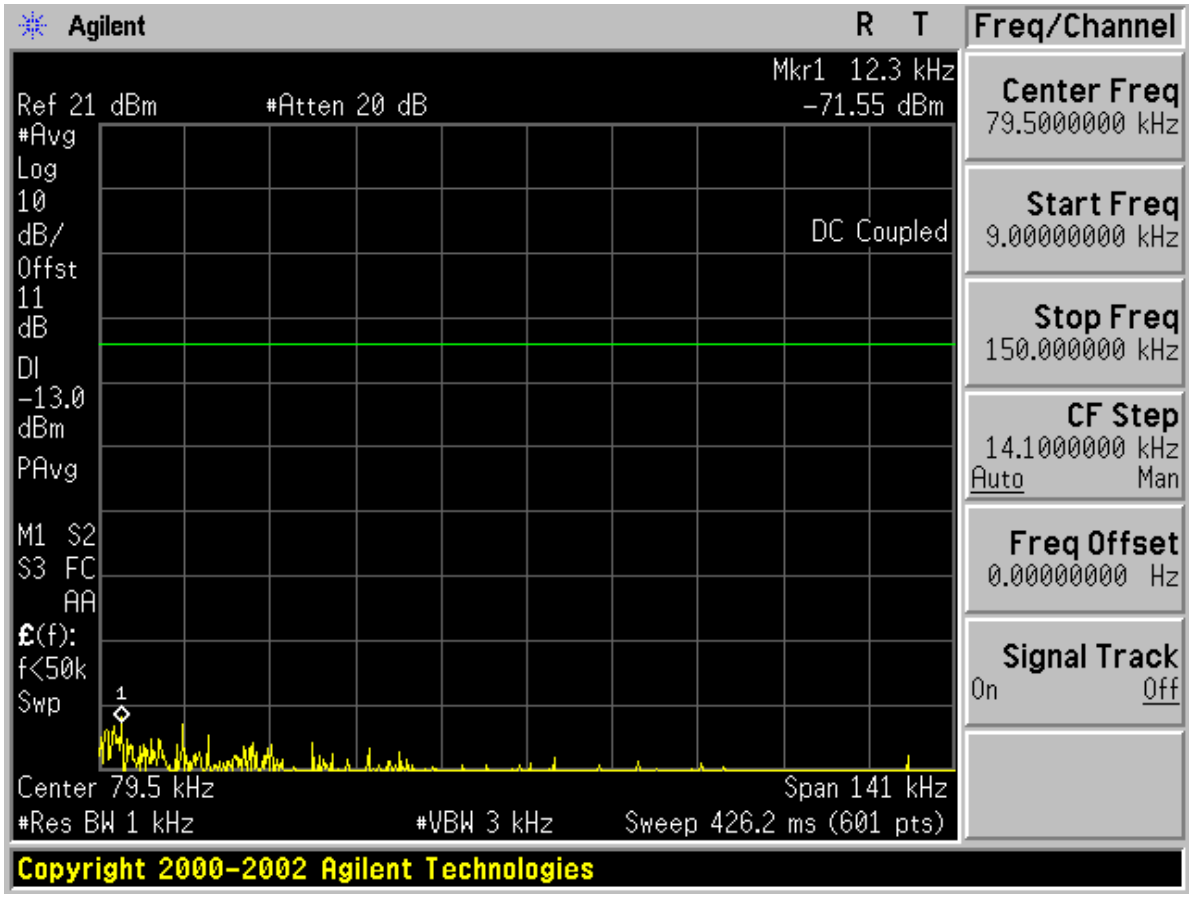


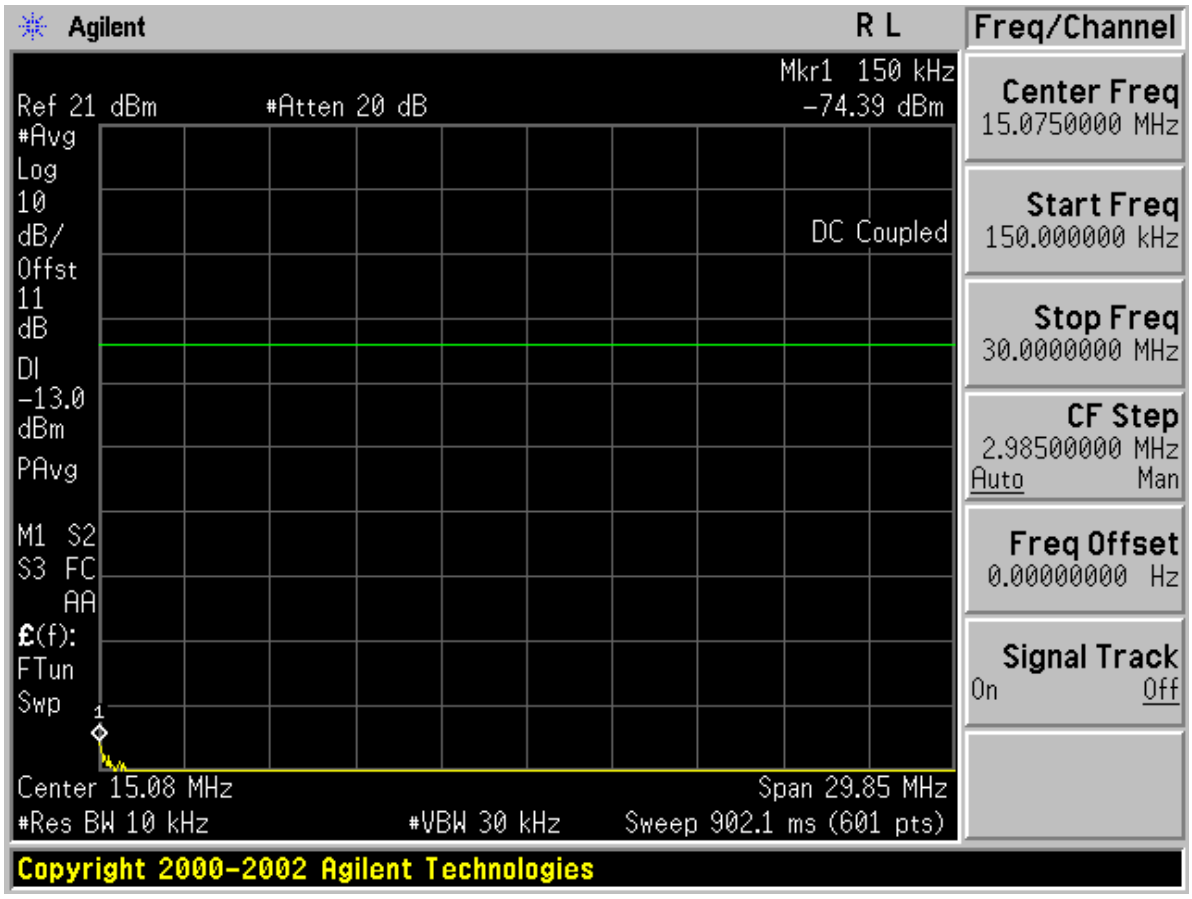

Agilent
R T
Freq/Channel
Mkr1 250 kHz
Ref 21 dBm
#Atten 20 dB
-76.21 dBm
#Avg
Log
10
dB/
Offst
11
dB
DC Coupled
Dl
-13.0
dBm
PAvg
M1 S2
S3 FC
AA
£(f):
FTun
Swp
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Center 15.08 MHz
Span 29.85 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 902.1 ms (601 pts)
Copyright 2000-2002 Agilent Technologies

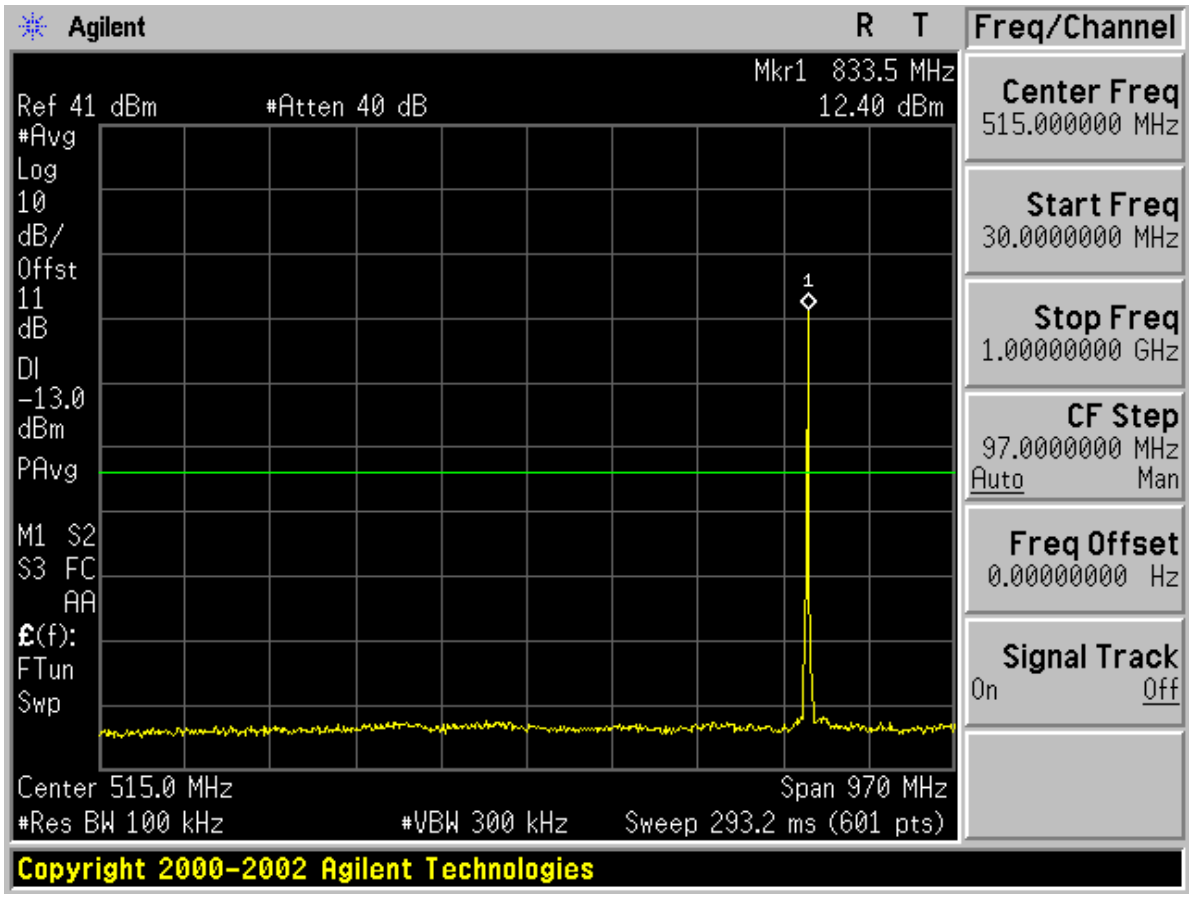

Agilent
R L
Freq/Channel
Mkr1 825.4 MHz
Ref 41 dBm
#Atten 40 dB
10.32 dBm
#Avg
Log
10
dB/
Offst
11
dB
Dl
-13.0
dBm
PAvg
M1 S2
S3 FC
AA
£(f):
FTun
Swp
Center Freq
515.000000 MHz
Start Freq
30.0000000 MHz
Stop Freq
1.00000000 GHz
CF Step
97.0000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Center 515.0 MHz
Span 970 MHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 293.2 ms (601 pts)
Copyright 2000-2002 Agilent Technologies

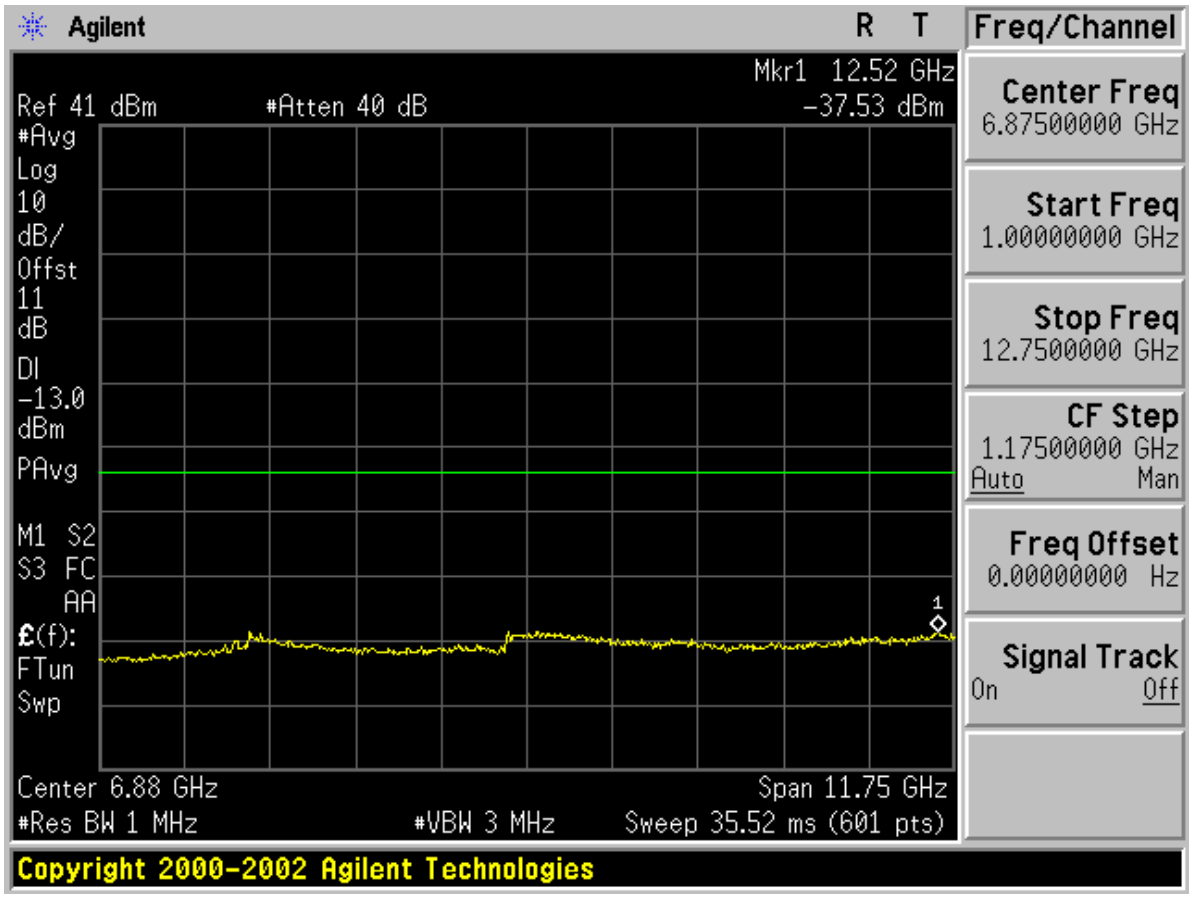

Agilent
R T
Freq/Channel
Mkr1 7.01 GHz
Ref 41 dBm
#Atten 40 dB
-37.55 dBm
#Avg
Log
10
dB/
Offst
11
dB
Dl
-13.0
dBm
PAvg
M1 S2
S3 FC
AA
£(f):
FTun
Swp
Center Freq
6.87500000 GHz
Start Freq
1.00000000 GHz
Stop Freq
12.7500000 GHz
CF Step
1.17500000 GHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Center 6.88 GHz
Span 11.75 GHz
#Res BW 1 MHz
#VBW 3 MHz
Sweep 35.52 ms (601 pts)
Copyright 2000-2002 Agilent Technologies

Channel 283


Agilent
R T
Freq/Channel
Mkr1 12.3 kHz
Ref 21 dBm
#Atten 20 dB
-71.55 dBm
#Avg
Log
10
dB/
Offst
11
dB
Dl
-13.0
dBm
PAvg
DC Coupled
M1 S2
S3 FC
AA
£(f):
f<50k
Swp
Center Freq
79.5000000 kHz
Start Freq
9.00000000 kHz
Stop Freq
150.000000 kHz
CF Step
14.1000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Center 79.5 kHz
Span 141 kHz
#Res BW 1 kHz
#VBW 3 kHz
Sweep 426.2 ms (601 pts)
Copyright 2000-2002 Agilent Technologies


Agilent
R L
Freq/Channel
Mkr1 150 kHz
Ref 21 dBm
#Atten 20 dB
-74.39 dBm
#Avg
Log
10
dB/
Offst
11
dB
DC Coupled
Dl
-13.0
dBm
PAvg
M1 S2
S3 FC
AA
£(f):
FTun
Swp
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Center 15.08 MHz
Span 29.85 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 902.1 ms (601 pts)
Copyright 2000-2002 Agilent Technologies


Agilent
R T
Freq/Channel
Mkr1 833.5 MHz
Ref 41 dBm
#Atten 40 dB
12.40 dBm
#Avg
Log
10
dB/
Offst
11
dB
Dl
-13.0
dBm
PAvg
M1 S2
S3 FC
AA
£(f):
FTun
Swp
Center 515.0 MHz
Span 970 MHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 293.2 ms (601 pts)
Center Freq
515.000000 MHz
Start Freq
30.0000000 MHz
Stop Freq
1.00000000 GHz
CF Step
97.0000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Copyright 2000-2002 Agilent Technologies


Agilent
R T
Freq/Channel
Mkr1 12.52 GHz
Ref 41 dBm
#Atten 40 dB
-37.53 dBm
#Avg
Log
10
dB/
Offst
11
dB
Dl
-13.0
dBm
PAvg
M1 S2
S3 FC
AA
£(f):
FTun
Swp
1
Center 6.88 GHz
Span 11.75 GHz
#Res BW 1 MHz
#VBW 3 MHz
Sweep 35.52 ms (601 pts)
Center Freq
6.87500000 GHz
Start Freq
1.00000000 GHz
Stop Freq
12.7500000 GHz
CF Step
1.17500000 GHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
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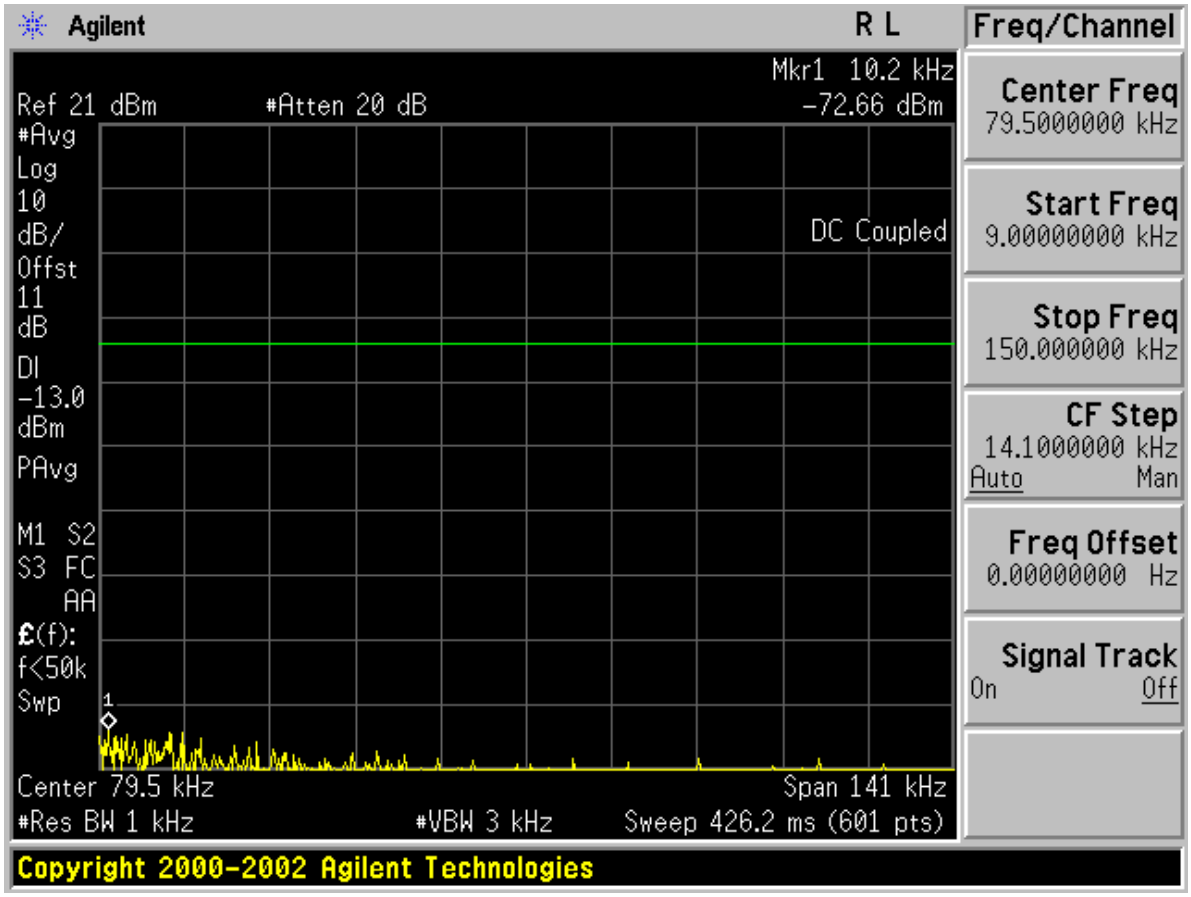
Channel 777


Agilent
R L
Freq/Channel
Mkr1 10.2 kHz
Ref 21 dBm
#Atten 20 dB
-72.66 dBm
#Avg
Log
10
dB/
Offst
11
dB
DC Coupled
Dl
-13.0
dBm
PAvg
M1 S2
S3 FC
AA
£(f):
f<50k
Swp
Center Freq
79.5000000 kHz
Start Freq
9.00000000 kHz
Stop Freq
150.000000 kHz
CF Step
14.1000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Center 79.5 kHz
Span 141 kHz
#Res BW 1 kHz
#VBW 3 kHz
Sweep 426.2 ms (601 pts)
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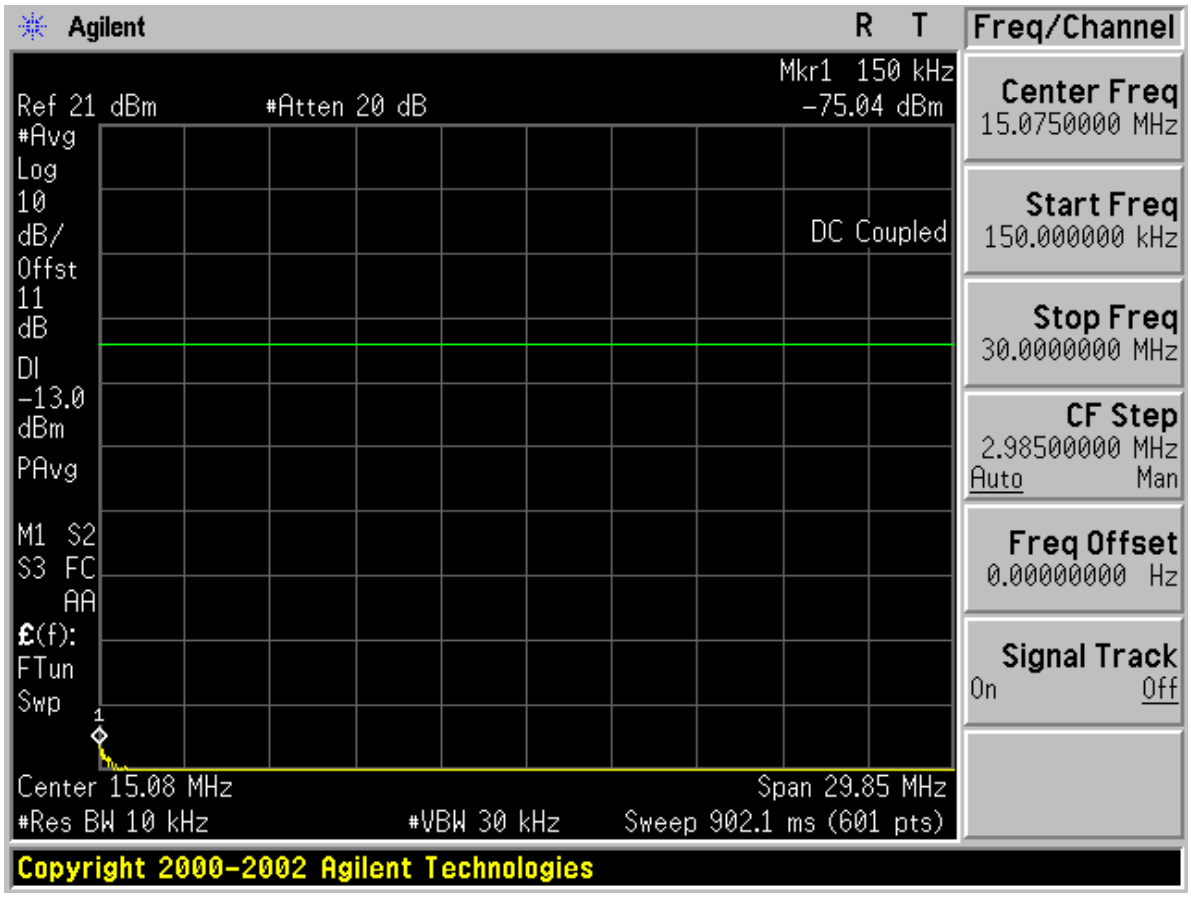
Agilent
R T
Freq/Channel
Mkr1 150 kHz
Ref 21 dBm
#Atten 20 dB
-75.04 dBm
#Avg
Log
10
dB/
Offst
11
dB
DC Coupled
Dl
-13.0
dBm
PAvg
M1 S2
S3 FC
AA
£(f):
FTun
Swp
Center Freq
15.0750000 MHz
Start Freq
150.000000 kHz
Stop Freq
30.0000000 MHz
CF Step
2.98500000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Center 15.08 MHz
Span 29.85 MHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 902.1 ms (601 pts)
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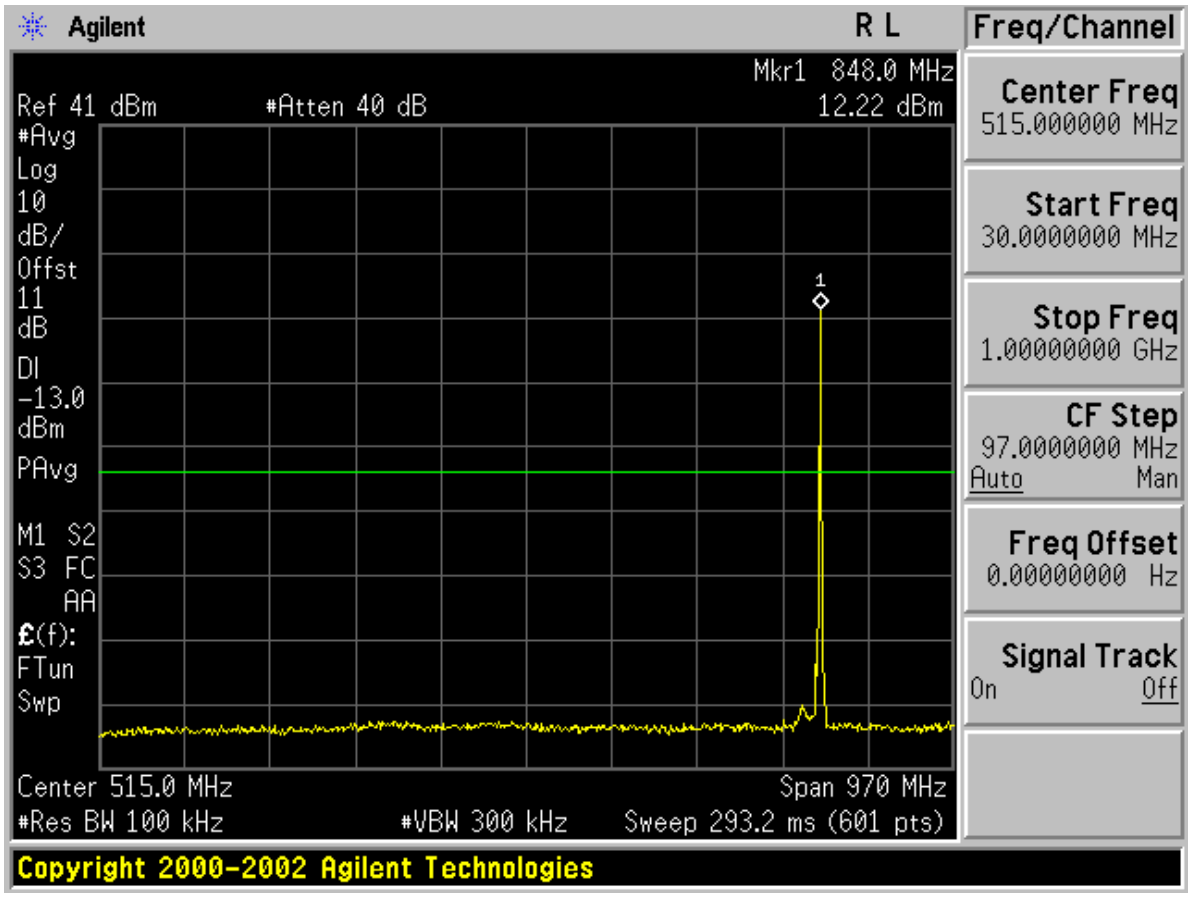
Agilent
R L
Freq/Channel
Mkr1 848.0 MHz
12.22 dBm
Ref 41 dBm
#Atten 40 dB
#Avg
Log
10
dB/
Offst
11
dB
Dl
-13.0
dBm
PAvg
M1 S2
S3 FC
AA
£(f):
FTun
Swp
Center Freq
515.000000 MHz
Start Freq
30.0000000 MHz
Stop Freq
1.00000000 GHz
CF Step
97.0000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Center 515.0 MHz
Span 970 MHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 293.2 ms (601 pts)
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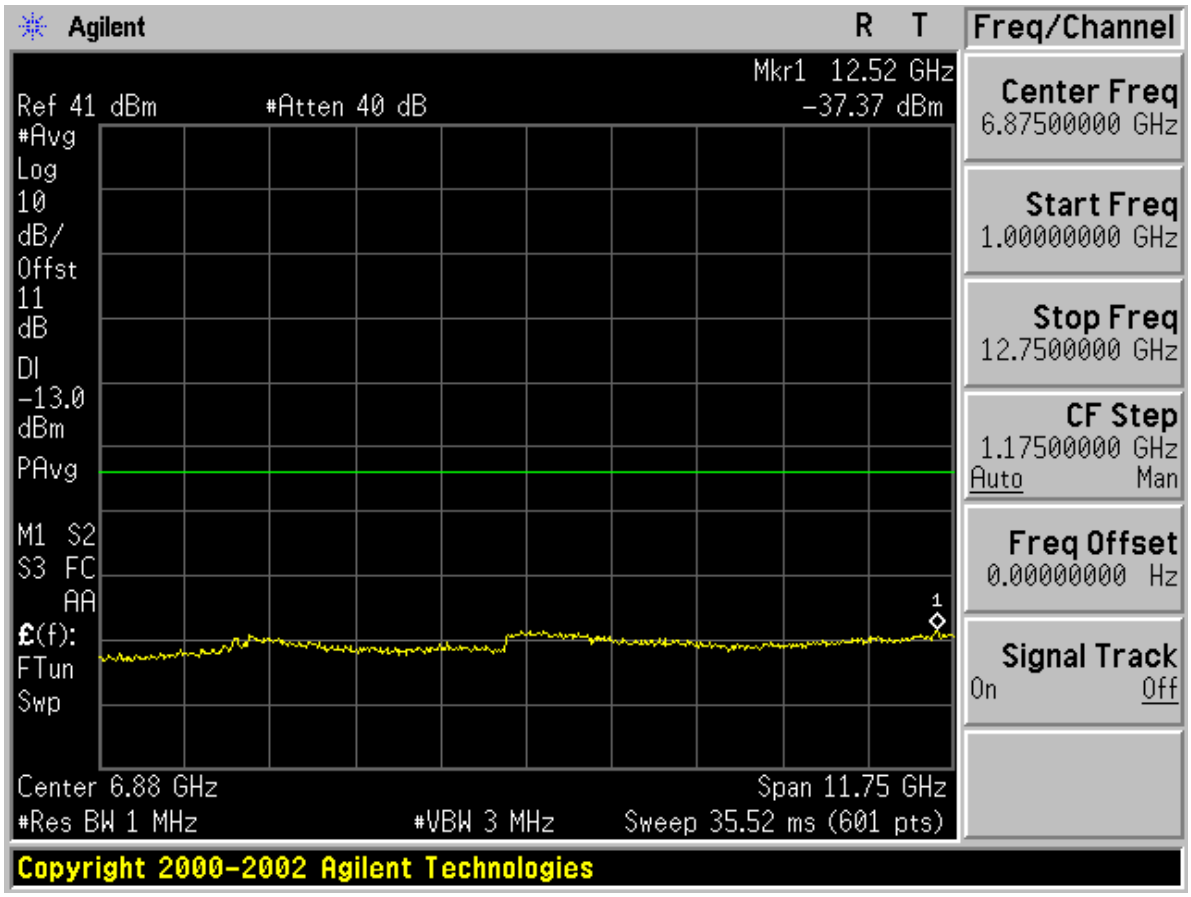
Agilent
R T
Freq/Channel
Mkr1 12.52 GHz
Ref 41 dBm
#Atten 40 dB
-37.37 dBm
#Avg
Log
10
dB/
Offst
11
dB
Dl
-13.0
dBm
PAvg
M1 S2
S3 FC
AA
£(f):
FTun
Swp
Center Freq
6.87500000 GHz
Start Freq
1.00000000 GHz
Stop Freq
12.7500000 GHz
CF Step
1.17500000 GHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Center 6.88 GHz
Span 11.75 GHz
#Res BW 1 MHz
#VBW 3 MHz
Sweep 35.52 ms (601 pts)
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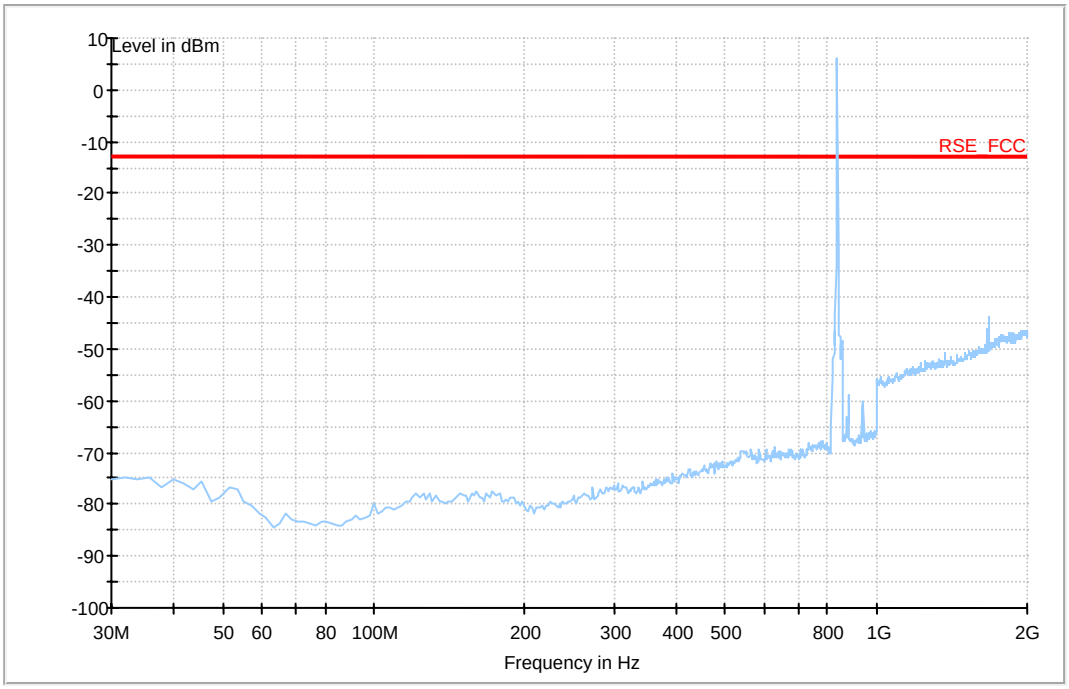
Appendix E

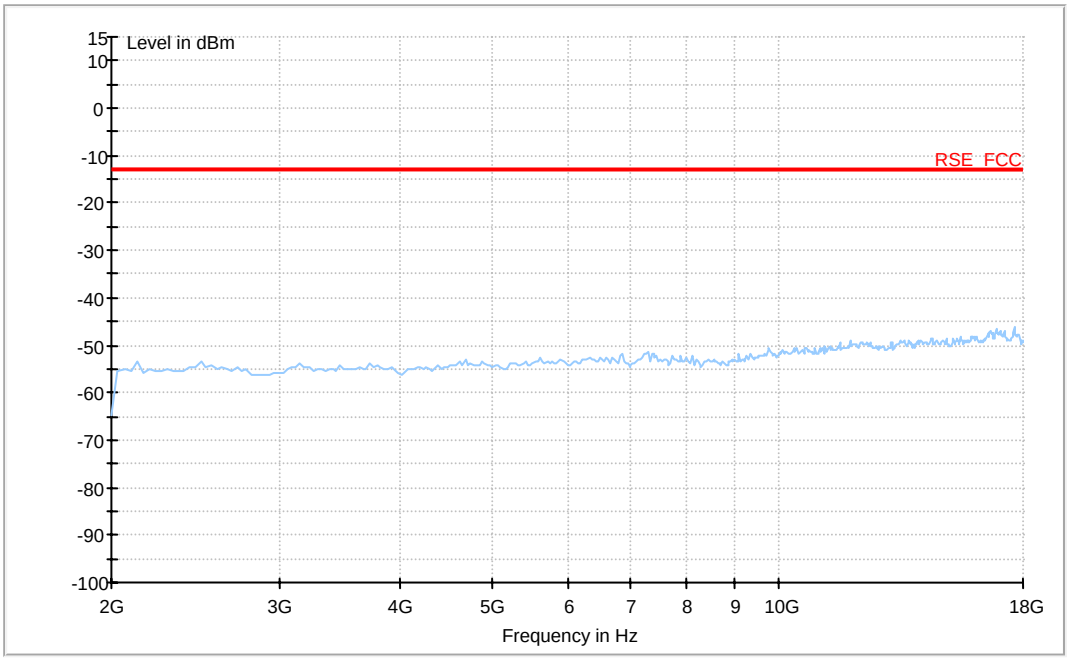
Radiated Spurious Emission

According to FCC Part 2.1053 & 22.917

Traffic Mode (30MHz-2GHz)



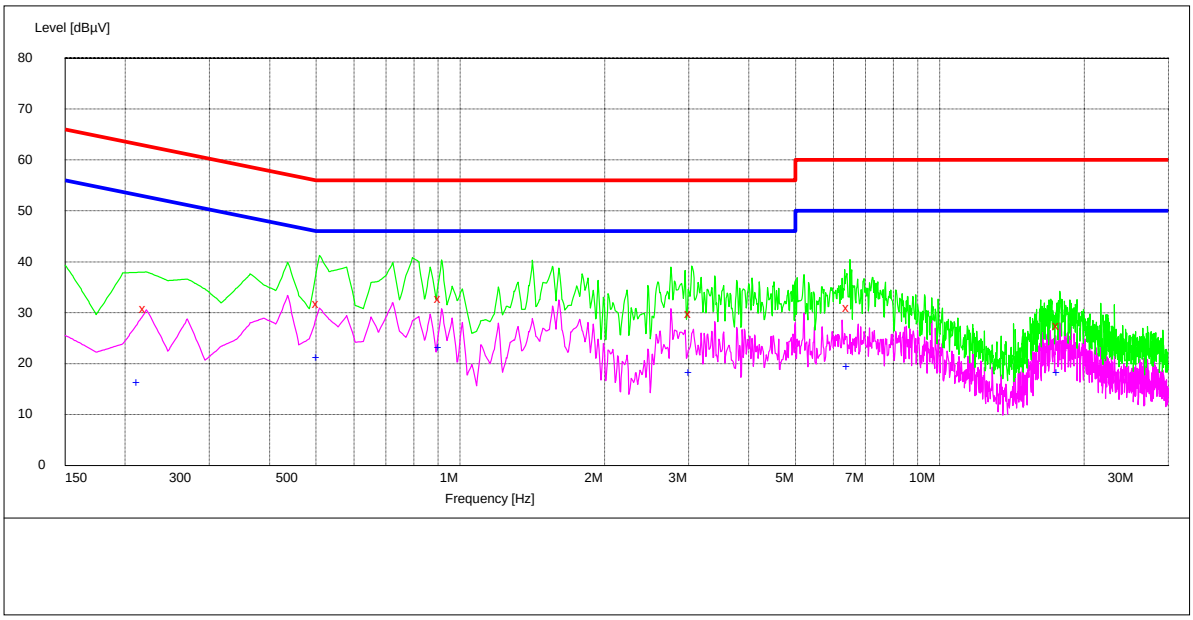
Traffic Mode (2GHz -18GHz)



Appendix F

Conducted Emission at Power Port

According to FCC Part 15.107



MEASUREMENT RESULT: QP DECTER

Frequency (MHz)	Level (dBµV)	Transd (dB)	Limit (dBµV)	Margin (dB)	Line	PE
0.22164	30.8	10.0	63	32.2	L1	FLO
0.5082	31.7	10.1	56	24.3	L1	FLO
0.91416	32.7	10.1	56	23.3	L1	FLO
3.03948	29.8	10.2	56	26.2	L1	FLO
6.50208	31.0	10.2	60	29	L1	FLO
17.8212	27.3	10.3	60	32.7	L1	FLO

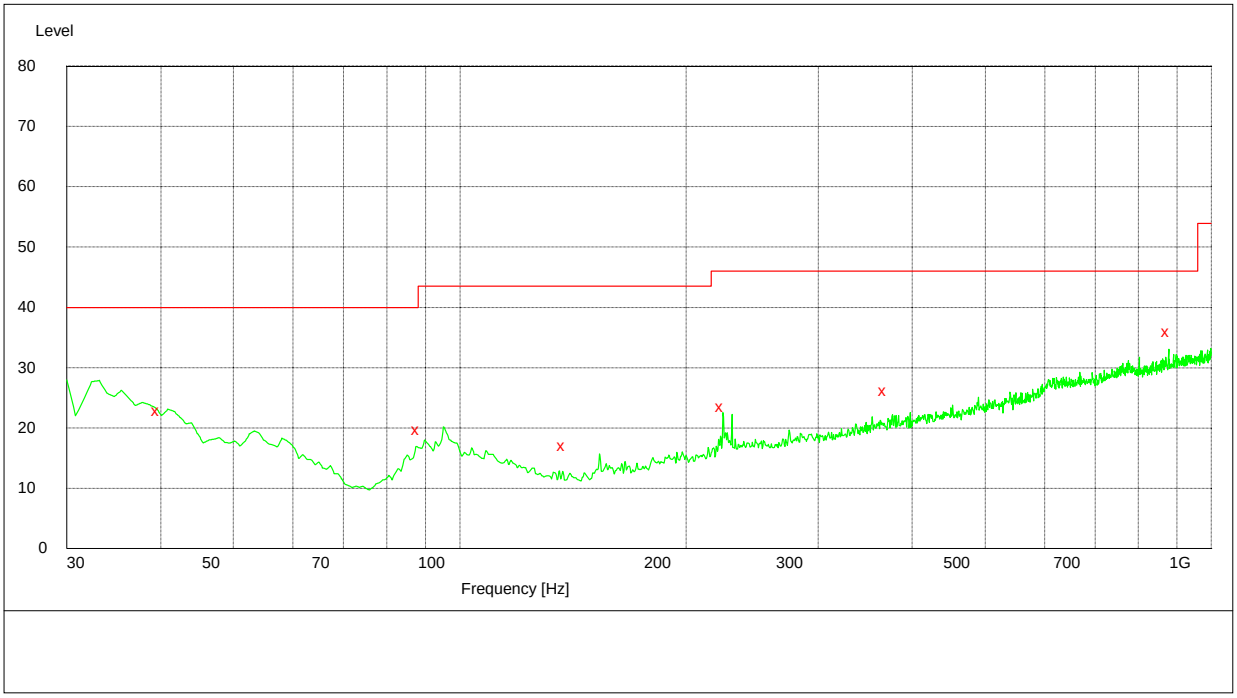
MEASUREMENT RESULT: AV DECTER

Frequency (MHz)	Level (dBµV)	Transd (dB)	Limit (dBµV)	Margin (dB)	Line	PE
0.21137	16.7	10.0	53	36.3	L1	FLO
0.51252	21.0	10.1	46	25	L1	FLO
0.93752	23.1	10.1	46	22.9	L1	FLO
3.05845	18.2	10.2	46	27.8	L1	FLO
6.43125	19.4	10.2	50	30.6	L1	FLO
17.6945	18.1	10.3	50	31.9	L1	FLO

Appendix G

Radiated Emission of Enclosure in Idle Mode

According to FCC Part 15.109



MEASUREMENT RESULT: QP DECTER

Frequency （MHz）	Level （dBμV/m）	Transd （dB）	Limit （dBμV/m）	Margin （dB）	Height （cm）	Azimuth （deg）	Polarisation
39.78	22.8	13	40	17.2	100	285	HORIZONTAL
88.26	19.6	11.2	43.5	23.9	221	352	VERTICAL
137.76	16.9	8.8	43.5	26.6	284	54	HORIZONTAL
223.98	23.5	13.2	46	22.5	122	227	VERTICAL
368.46	26	17.4	46	20	167	74	VERTICAL
878.1	35.8	26	46	10.2	110	33	HORIZONTAL